

*California Department of Transportation  
Division of Maintenance*

***Structure Maintenance and Investigations***

---

**B**<sub>RIDGE</sub>

**I**<sub>NSPECTION</sub>

**R**<sub>ECORDS</sub>

**I**<sub>NFORMATION</sub>

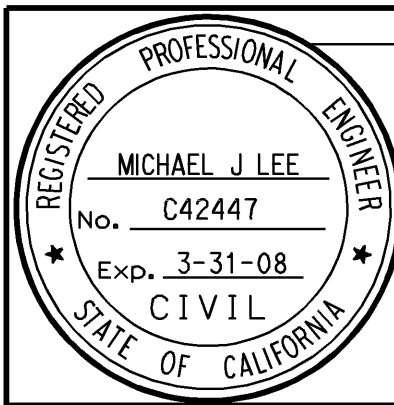
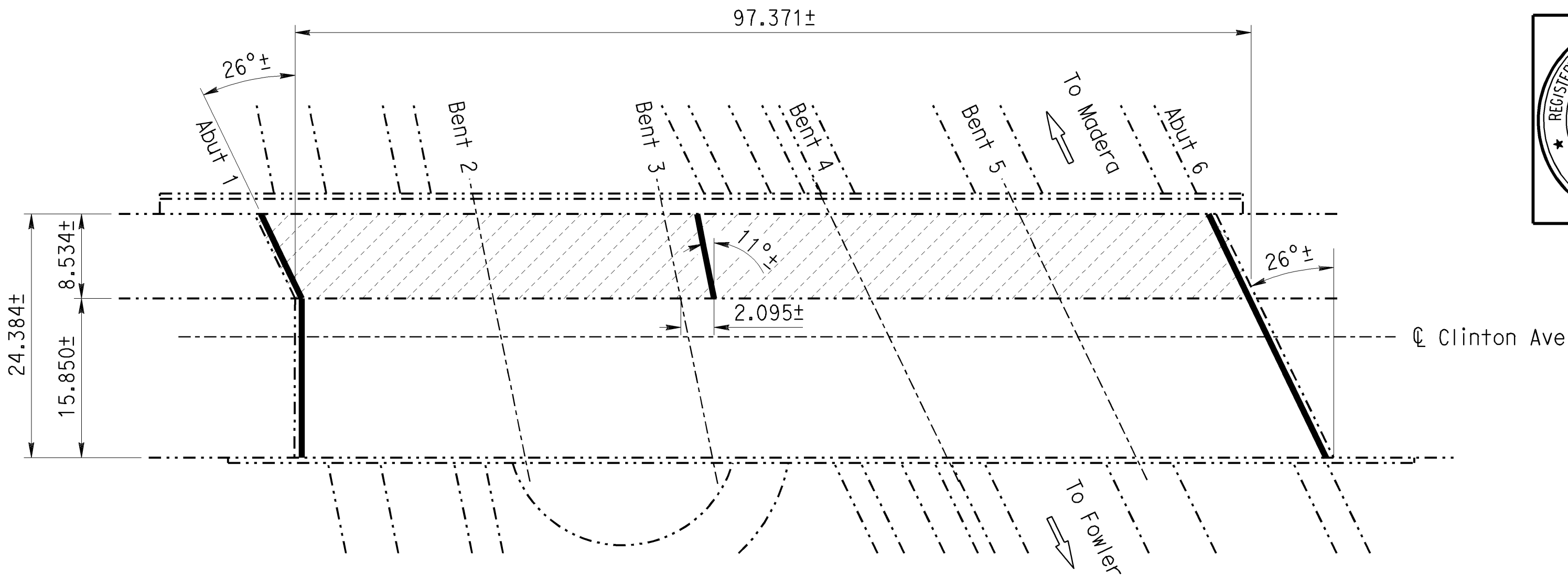
**S**<sub>YSTEM</sub>

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The requested documents have been generated by BIRIS.


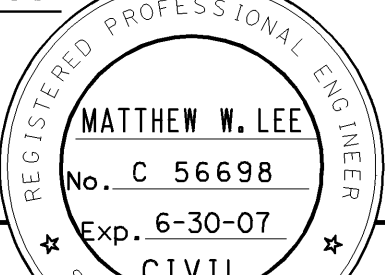
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3	8-08-07	CHANGE SHEET NUMBERS	MJL	TP	DK
2	8-08-07	CHANGED NAME GENERAL PLAN NO. 1	MJL	TP	DK
1	8-08-07	ADDED SUPPLEMENTAL SHEET	MJL	TP	DK
MARK	DATE	REVISION(S) DESCRIPTIONS	DES	CHK	DET
REGISTERED CIVIL ENGINEER: <i>Michael J. Lee</i>			DATE: 9-07-07		

CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
SHEET \_\_\_\_ OF \_\_\_\_

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	19.0/39.3	10R1	11
 REGISTERED CIVIL ENGINEER			11/20/06		
2-26-07 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					
To get to the Caltrans web site, go to: <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a>					

STANDARD PLANS DATED JULY 2004

SHEET No.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (A-L)
A10B	ACRONYMS AND ABBREVIATIONS (M-Z)
RSP B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING = 50 mm)

INDEX TO PLANS

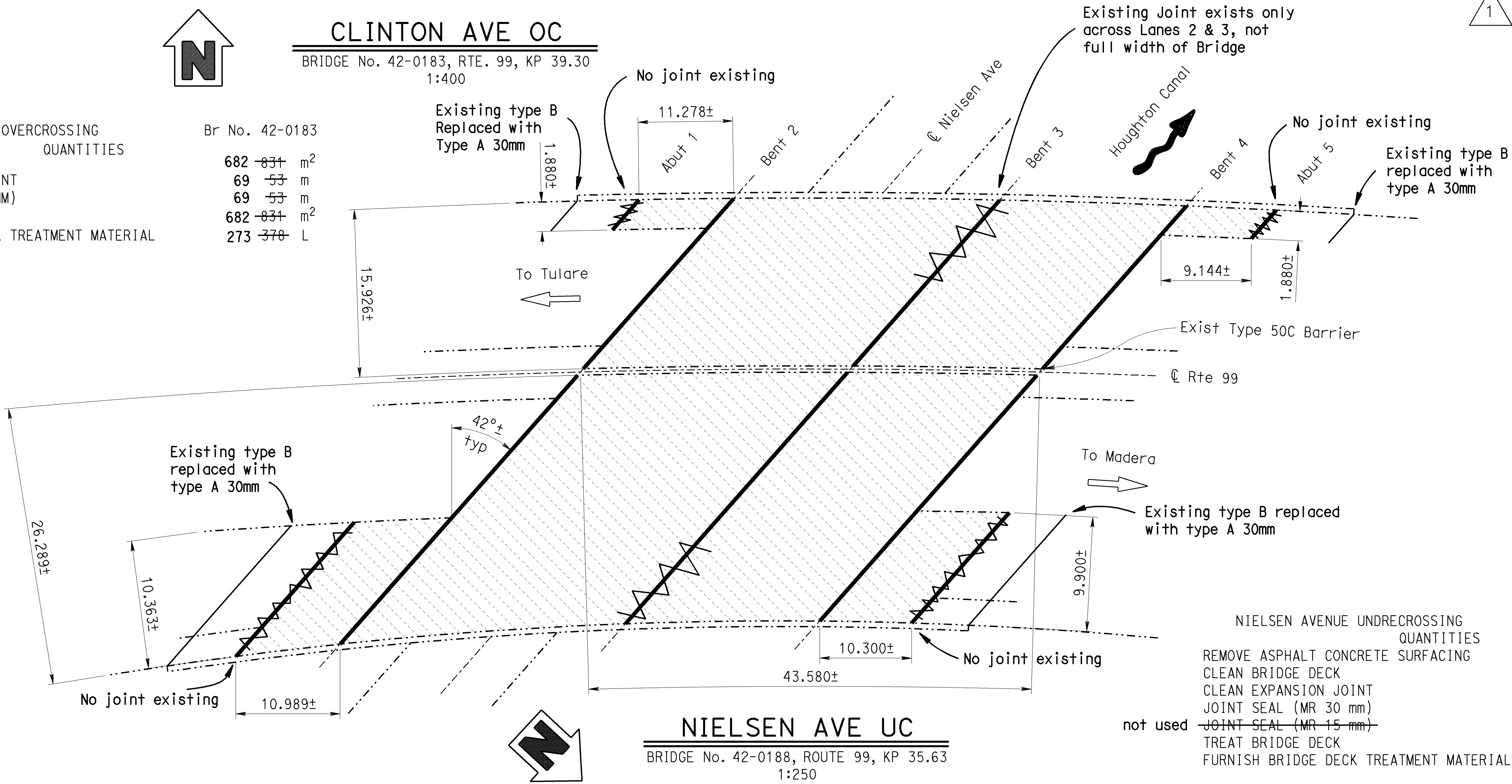
SHEET No.	TITLE
1	GENERAL PLAN NO. 1
2	GENERAL PLAN NO. 2
3	JOINT SEAL TABLE

NOTES: (APPLY TO ALL SHEETS)

- Indicates existing.
- THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
- Indicates limits of clean and treat deck with high molecular weight methacrylate.
- Indicates limits of remove existing 25mm± thick AC overlay, clean and treat deck with high molecular weight methacrylate.
- Indicates limits of existing joint seal removal and placement of new joint seal.

CLINTON AVENUE OVERCROSSING	
	QUANTITIES
CLEAN BRIDGE DECK	
CLEAN EXPANSION JOINT	
JOINT SEAL (MR 40 MM)	
TREAT BRIDGE DECK	
FURNISH BRIDGE DECK TREATMENT MATERIAL	

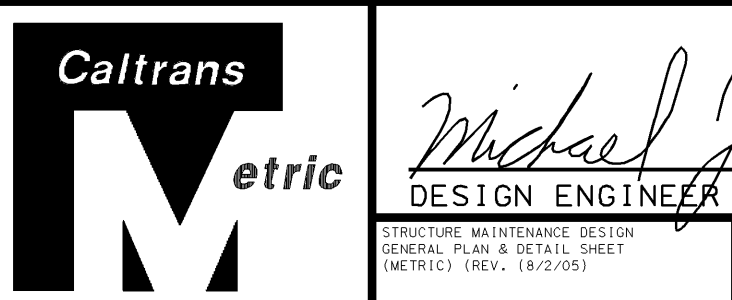
Br No. 42-0183



NIELSEN AVENUE UNDERCROSSING QUANTITIES	
REMOVE ASPHALT CONCRETE SURFACING	2 123 m <sup>2</sup>
CLEAN BRIDGE DECK	2 123 m <sup>2</sup>
CLEAN EXPANSION JOINT	129 <del>207</del> m
JOINT SEAL (MR 30 mm)	129 <del>172</del> m
JOINT SEAL (MR 15 mm)	37 m
TREAT BRIDGE DECK	2 123 m <sup>2</sup>
FURNISH BRIDGE DECK TREATMENT MATERIAL	908 <del>965</del> L

Br No. 42-0188

**NIELSEN AVE UC**  
BRIDGE No. 42-0188, ROUTE 99, KP 35.63  
1:250



DESIGN	BY: Matt Lee	CHECKED: Tim Powell
DETAILS	BY: Seth Evans	CHECKED: Tim Powell
QUANTITIES	BY: Matt Lee	CHECKED: Tim Powell

LAYOUT	BY: Seth Evans	CHECKED: Matt Lee
SPECIFICATIONS	BY: Karla Meier	CHECKED: Karla Meier

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE  
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	Varies
KILOMETER POST	Varies

**ROUTE 99 BRIDGES (TREAT DECK)**  
GENERAL PLAN NO. 1

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

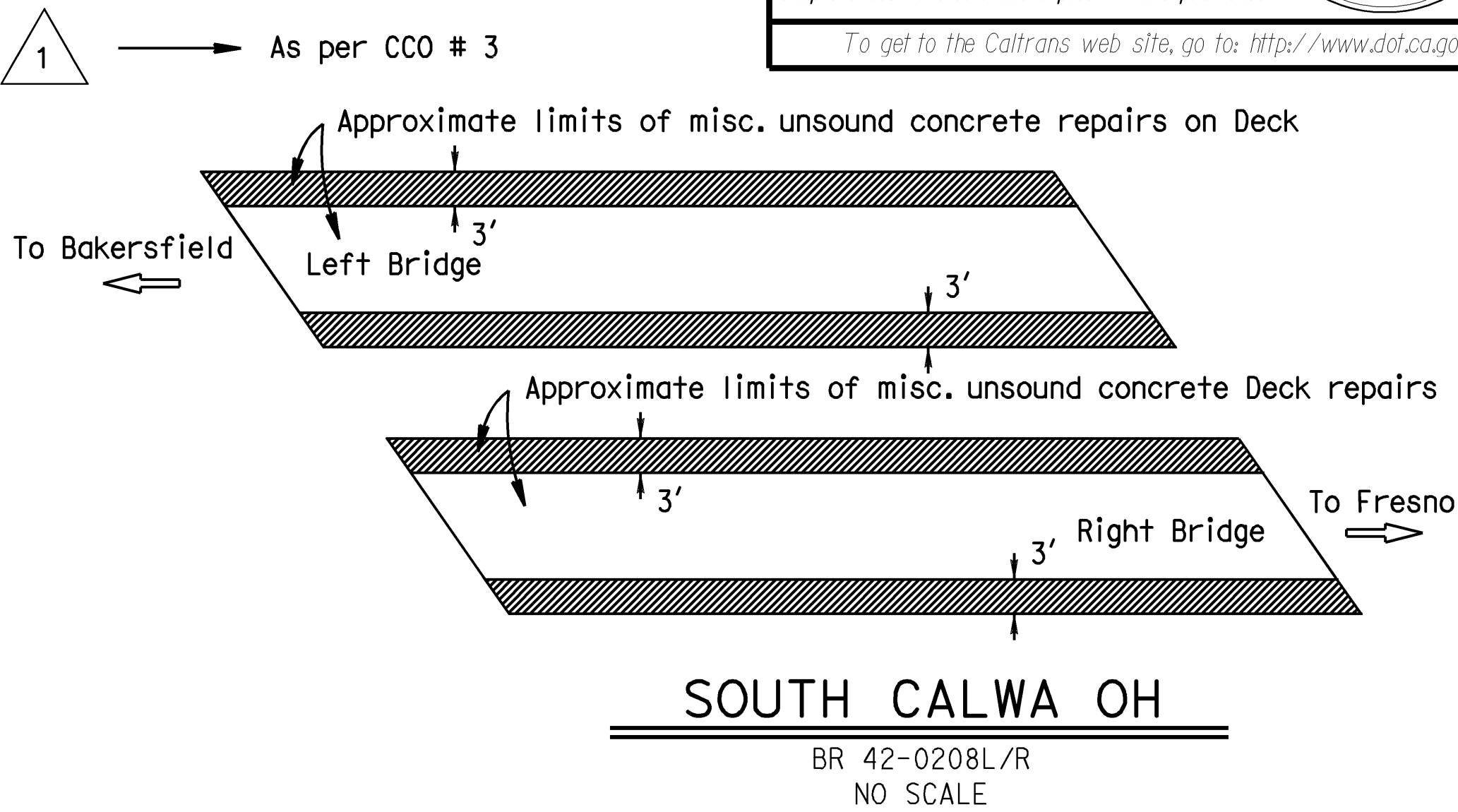
CU 06244  
EA OC4101

DISREGARD PRINTS BEARING EARLIER REVISION DATES

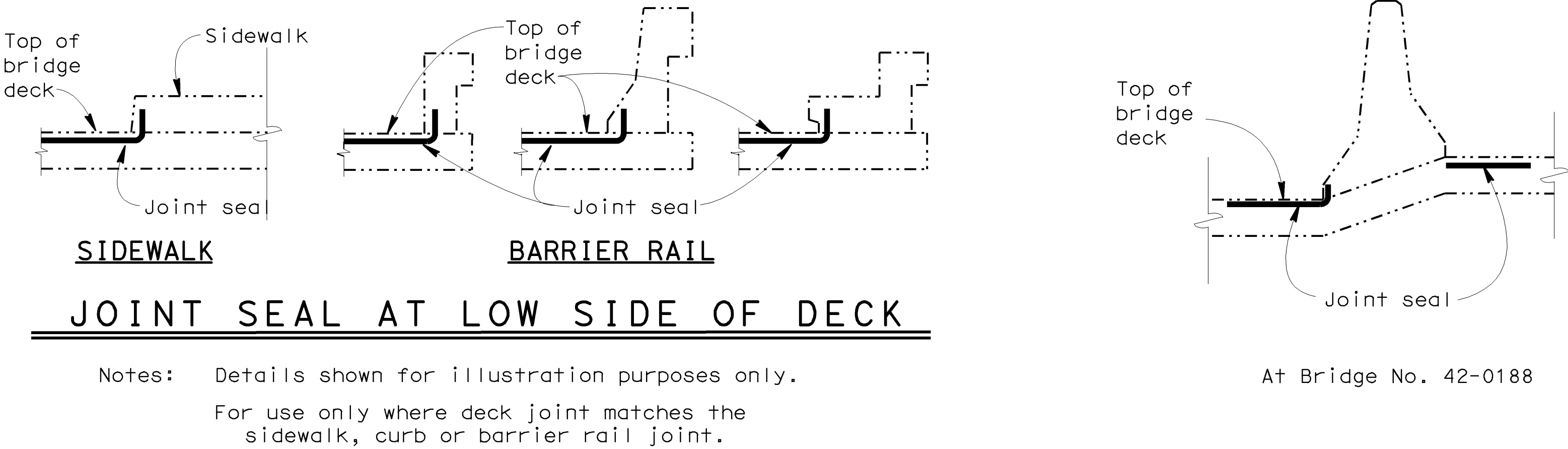
REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF
4-17-06 9-27-06 12-7-06	1	3



DECK RESURFACING WORK DESCRIPTION											QUANTITIES			
ROUTE	KP	BRIDGE NAME	BRIDGE NUMBER	LENGTH	ROADWAY WIDTH	SHOULDER WIDTH		WORK REQUIRED			CLEAN BRIDGE DECK	TREAT BRIDGE DECK	FURNISH BRIDGE DECK TREATMENT MATERIAL (LOW ODOR)	REMOVE EPOXY GRIT SURFACING
						LEFT	RIGHT	REPLACE JOINT SEALS	REMOVE OVERLAY	CLEAN AND TREAT BRIDGE DECK WITH METHACRYLATE	(m <sup>2</sup> )	(m <sup>2</sup> )	(L)	(m <sup>2</sup> )
99	19.05	Adams Ave OC	42 0203	99.092	9.754	1.219	1.219	YES	NO	<del>YES</del> YES	<del>936</del> 966	<del>936</del> 966	414 <del>435</del>	N/A
99	25.52	Central Ave OC	42 0207	84.734	9.756	1.219	1.219	NO	NO	YES	826	826	376	N/A
99	26.63	South Calwa OH	42 0208L	78.029	14.935	2.438	1.524	YES	YES	YES	1165	1165	<del>530</del> 531	1165
99	26.63	South Calwa OH	42 0208R	66.446	14.935	2.438	1.524	YES	YES	YES	992	992	<del>451</del> 450	992
99	35.61	Clinton Ave OC	42 0183	See General Plan				YES	NO	YES			See General Plan	
99	39.30	Nielsen Ave UC	42 0188	See General Plan				YES	YES	YES			See General Plan	



JOINT SEAL TABLE						
BRIDGE NUMBER	LOCATION		MINIMUM "MR" (mm)	APPROXIMATE LENGTH (m)	EXISTING WATERSTOP	APPROX DEPTH TO CLEAN EXP JOINT (mm)
42 0203	Abut 1	BW	40	13.1	NO	229
	Abut 5	BW	40	13.1	NO	229
42 0208L	Abut 1	PN	30	21.7	NO	305
	Abut 5	PN	30	21.7	NO	305
42 0208R	Abut 1	PN	30	21.7	NO	305
	Abut 4	PN	30	21.7	NO	305
42 0183	Abut 1	BW	40	25.7	NO	229
	Span 3	H	40	8.8	NO	229
	Abut 3	BW	40	27.5	NO	229
42 0188	Abut 1	BW	15	<del>17.9</del> 0	NO	356
	Bent 2	BW	30	56.8	NO	<del>1219</del> 305
	Bent 3	B	30	<del>56.8</del> 19.4	YES	203
	Bent 4	BW	30	56.8	NO	<del>1219</del> 305
	Abut 5	BW	15	<del>18.6</del> 0	NO	<del>396</del> 305



LEGEND:  
BW = Abutment backwall  
PN = Paving notch  
H = Hinge  
B = Bent

	▲					
	▲					
	▲					
	▲	8-23-07	CHANGE QUANTITIES ADAM AVE TABLE	MJL	TP	DK
MARK		DATE	REVISION(S)	DESCRIPTIONS	DES	CHK
REGISTERED CIVIL ENGINEER:		Michael J. Lee			DATE: 9-07-07	

DESIGN	BY Matt Lee	CHECKED Tim Powell
DETAILS	BY Seth Evans	CHECKED Tim Powell
QUANTITIES	BY Matt Lee	CHECKED Tim Powell

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE  
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	Varies
KILOMETER POST	Various

**ROUTE 99 BRIDGES (TREAT DECK)**

**JOINT SEAL TABLE**

STRUCTURE MAINTENANCE DESIGN  
GENERAL PLAN & DETAIL SHEET  
(METRIC) (REV. 8/2/05)

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

CU 06244  
EA OC4101

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

4-17-06	9-27-06	12-7-06							
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REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 3 OF 3

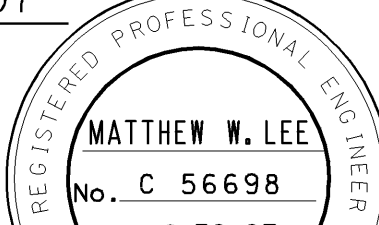
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	19.0/39.3	10S	11

*Matthew W. Lee*

8-07-07

REGISTERED CIVIL ENGINEER

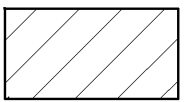


PLANS APPROVAL DATE \_\_\_\_\_

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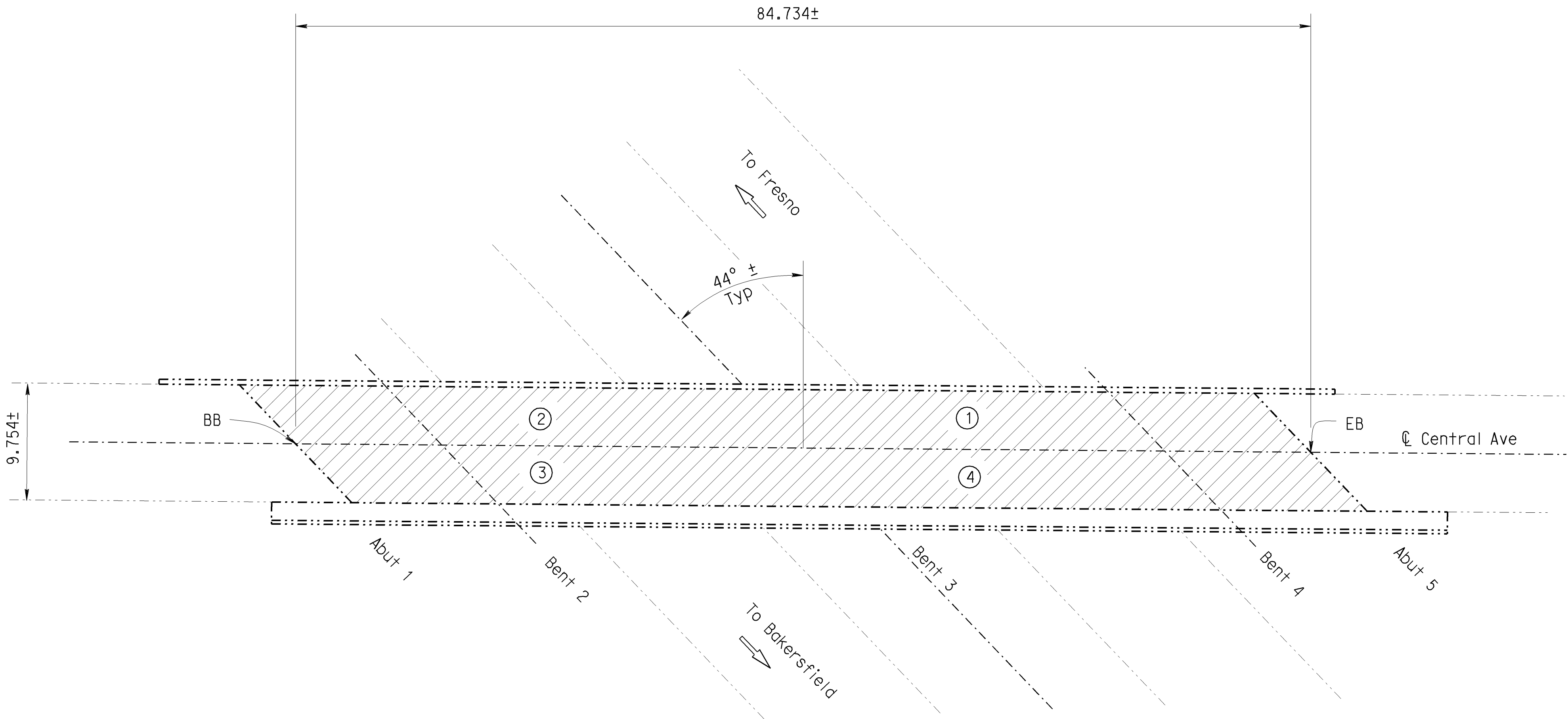
*The Caltrans web site is at [www.dot.ca.gov](http://www.dot.ca.gov)*

NOTES: (APPLY TO THIS SHEET ONLY)



Contractor shall take 3 ea 76 mm  $\phi$  x 127 mm deep cores in each quadrant at locations designated by the Engineer. Fill cored holes with rapid-set concrete patch.

DECK TREATMENT TABLE		
LOCATION	MANUFACTURER	MATERIAL NAME
①	UNITEX	BRIDGE SEAL CA
②	LIQUID CONCRETE	URE-KOTE R-60
③	ChemCo Systems	CCS Coating, Epoxy Healer Sealer
④	Any Manufacturer that meets the Caltrans Deck Treatment specification	Caltrans specification High Molecular Weight Methacrylate





# CENTRAL AVENUE OVERCROSSING

BRIDGE NO. 42-0207, RTE. 99, KP 25.52  
1:250

CONTRACT CHANGE ORDER NO. 4  
SHEET 1 OF 1

SUPPLEMENTAL SHEET

	 <b>DESIGN ENGINEER</b>	DESIGN	BY Matt Lee	CHECKED Tim Powell	LAYOUT	BY D. kish	CHECKED Matt Lee	<b>STATE OF CALIFORNIA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DIVISION OF MAINTENANCE</b> <b>STRUCTURE MAINTENANCE DESIGN</b>	BRIDGE NO.	<b>ROUTE 99 BRIDGES (TREAT DECK)</b>		
		DETAILS	BY D. kish	CHECKED Tim Powell		Varies							
		QUANTITIES	BY Matt Lee	CHECKED Tim Powell		KILOMETER POST	<b>GENERAL PLAN NO. 2</b>						
						Various							
<small>STRUCTURE MAINTENANCE DESIGN GENERAL PLAN &amp; DETAIL SHEET (METRIC) (REV. 1/62/05)</small>		ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN						ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS	0 10 20 30 40 50 60 70 80 90 100	CU 06244 EA 0C4101	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 8-07-07	SHEET 2 OF 3



U-006-2(8) F-006-2(5)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			172	424

VI Fre 99

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	Fre	99		172	424

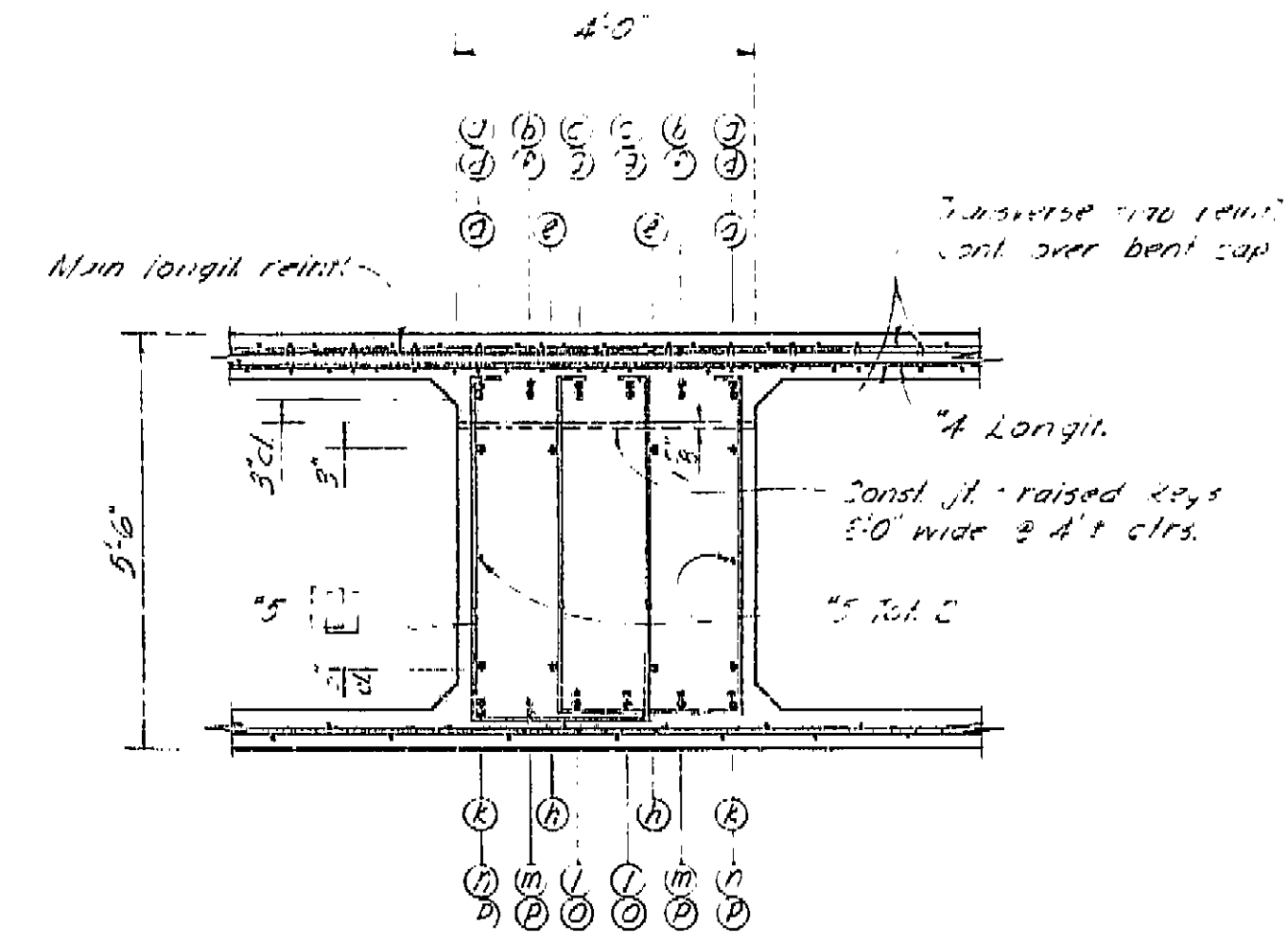
DATE APPROVED August 28, 1961

Bent 2 Sta. 19+01.00 Elev. 312.43  
Bent 3 Sta. 20+00.00 Elev. 312.97  
Bent 4 Sta. 20+99.00 Elev. 312.43

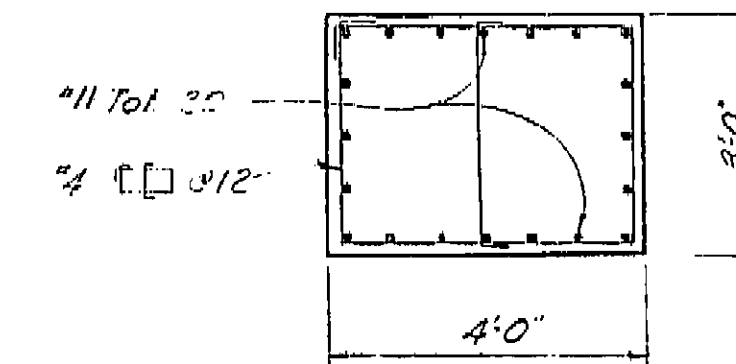
± CENTRAL AVE.  
5.69° 36' 31" E

± Bent 1  
N 43° 43' 00" W

PLAN  
4'-1'-0"



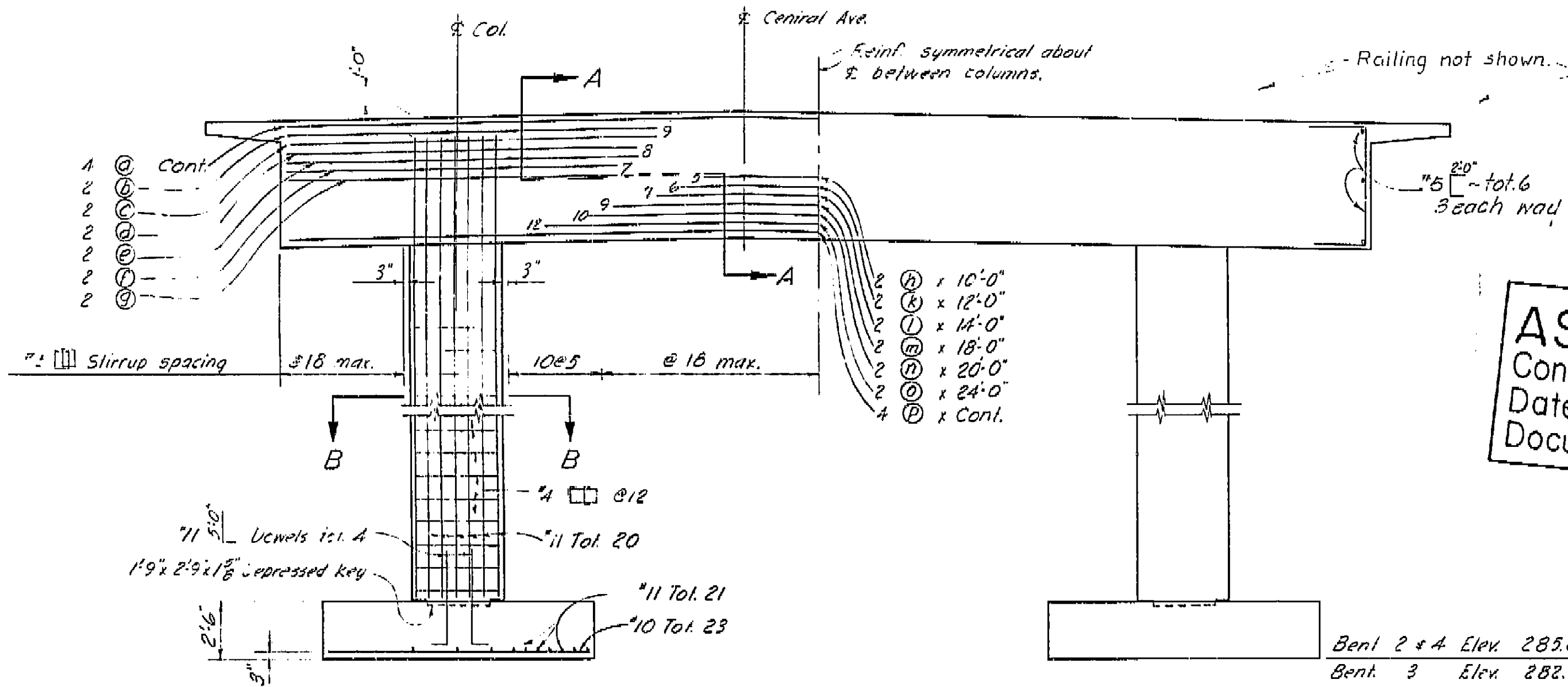
SECTION A-A  
6'-1'-0"



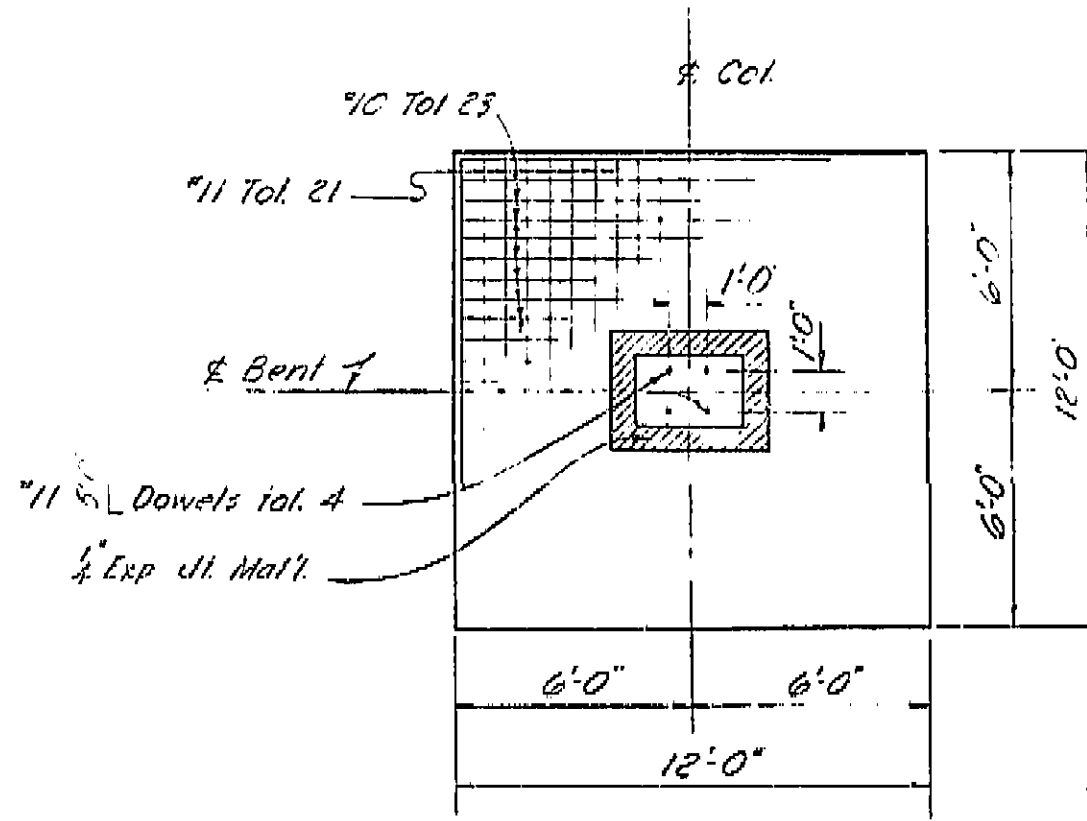
SECTION B-B  
6'-1'-0"

**AS BUILT PLANS**  
Contract No. 62-671363  
Date Completed  
Document No. 60001062

Notes: All bars are #11 except as noted.  
Numbers at ends of bars indicate  
distance in feet from ± column  
for top reinf. or from ± between  
columns for bottom reinf.



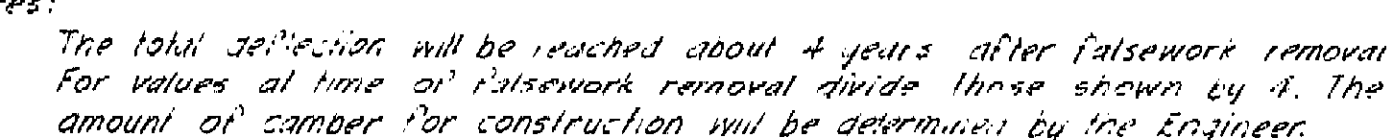
ELEVATION  
4'-1'-0"



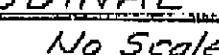
FOOTING PLAN  
4'-1'-0"

BRIDGE DEPARTMENT		STATE OF CALIFORNIA	
DESIGN SECTION		DEPARTMENT OF PUBLIC WORKS	
Project Designer: <i>[Signature]</i>		DIVISION OF HIGHWAYS	
Chief Designer: <i>[Signature]</i>		CENTRAL AVENUE OVERCROSSING	
DESIGN: By <i>[Signature]</i> 260		BENT DETAILS	
DETAILS: By <i>[Signature]</i> 160		SCALE: As Noted	
QUANTITIES: By <i>[Signature]</i> 900		BRIDGE 42-207	
SPECIFICATIONS: By <i>[Signature]</i> 900		FILE	
Approved Recommended by: <i>[Signature]</i>		DRAWING C-6154-5	
Check and Notes: <i>[Signature]</i>		PREL. DRAWING NO. P- 6730	
Date: <i>[Signature]</i>		8/28/61	

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN  
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO  
AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 1-12-62 SIGNATURE *[Signature]* TITLE *[Signature]*



2. Symmetrical about  
\$ Bent 3  
\$ Bent 3

30



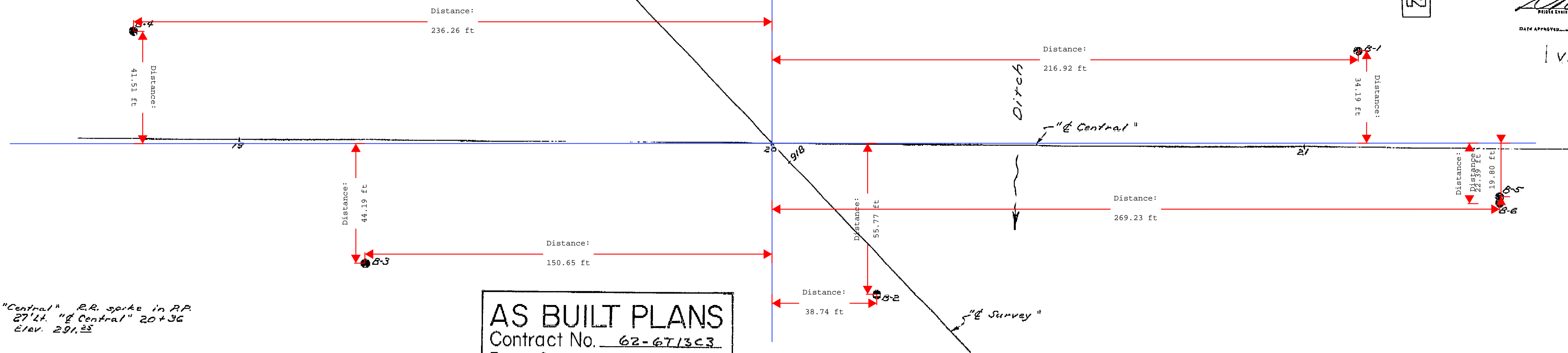
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CAL.			178	424

CITY	COUNTY	ROUTE	SECTION	POST MILE	TOTAL MILES
Frederick	Frederick	207	42	2.07	2.07

DATE APPROVED August 28, 1961

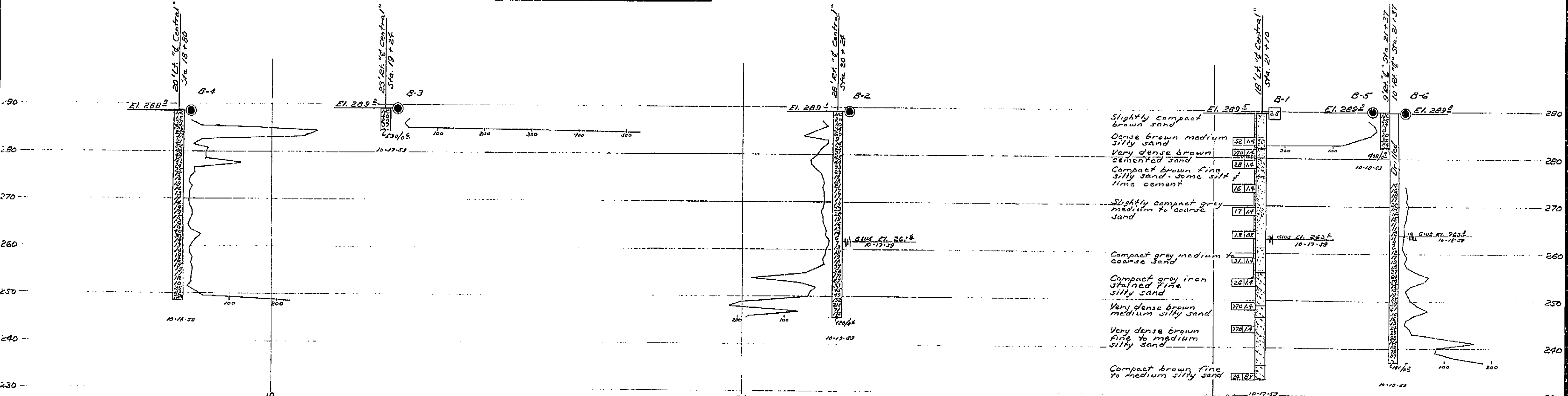
VI Fre 99

U-006-2(8) F-006-2(5)

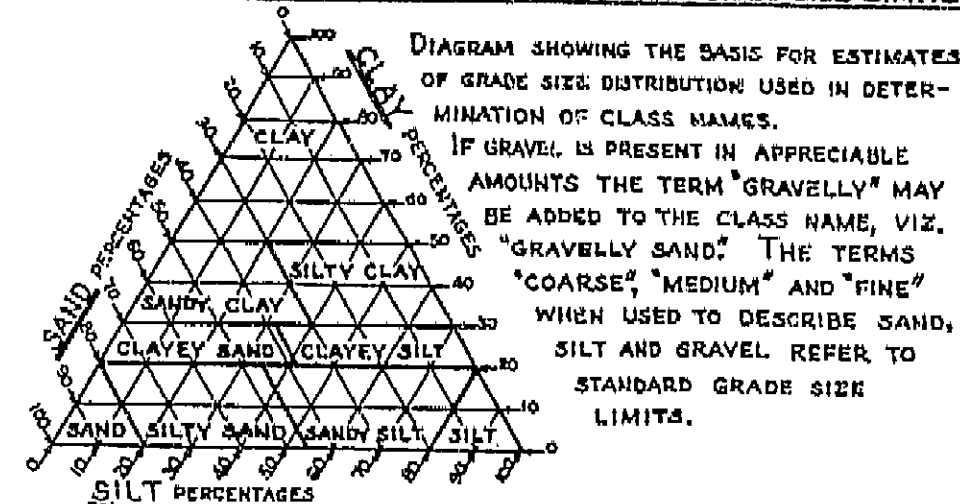


BM "Central" R.R. spike in R.P.  
27' L. "Central" 20+36  
Elev. 291.23

**AS BUILT PLANS**  
Contract No. 62-6713C3  
Date Completed \_\_\_\_\_  
Document No. 60001062



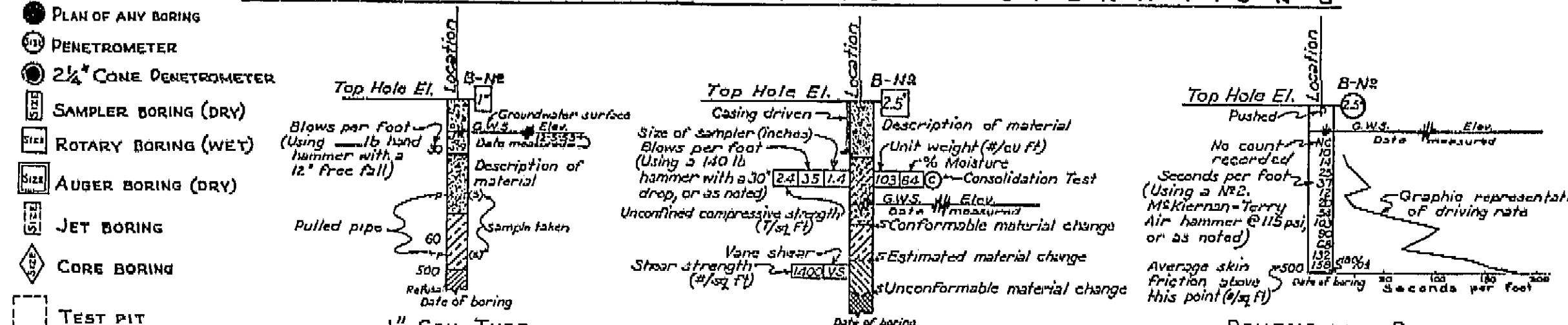
**CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS**



**LEGEND OF EARTH MATERIALS**

GRAVEL	SILTY CLAY OR CLAYEY SILT
SAND	PEAT AND/OR ORGANIC MATTER
SILT	FILL MATERIAL
CLAY	IGNEOUS ROCK
SANDY CLAY OR CLAYEY SAND	SEDIMENTARY ROCK
SANDY SILT OR SILTY SAND	METAMORPHIC ROCK

**LEGEND OF BORING OPERATIONS**



**NOTES**

Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS

**CENTRAL AVENUE OVERCROSSING**

**LOG OF TEST BORINGS**

SCALE 1" = 10' BRIDGE 42-207 FILE E-42 DRAWING C-6734-11

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_

U-006-2(6) F-006-2(5)

FED. ROAD DIST. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		168	424

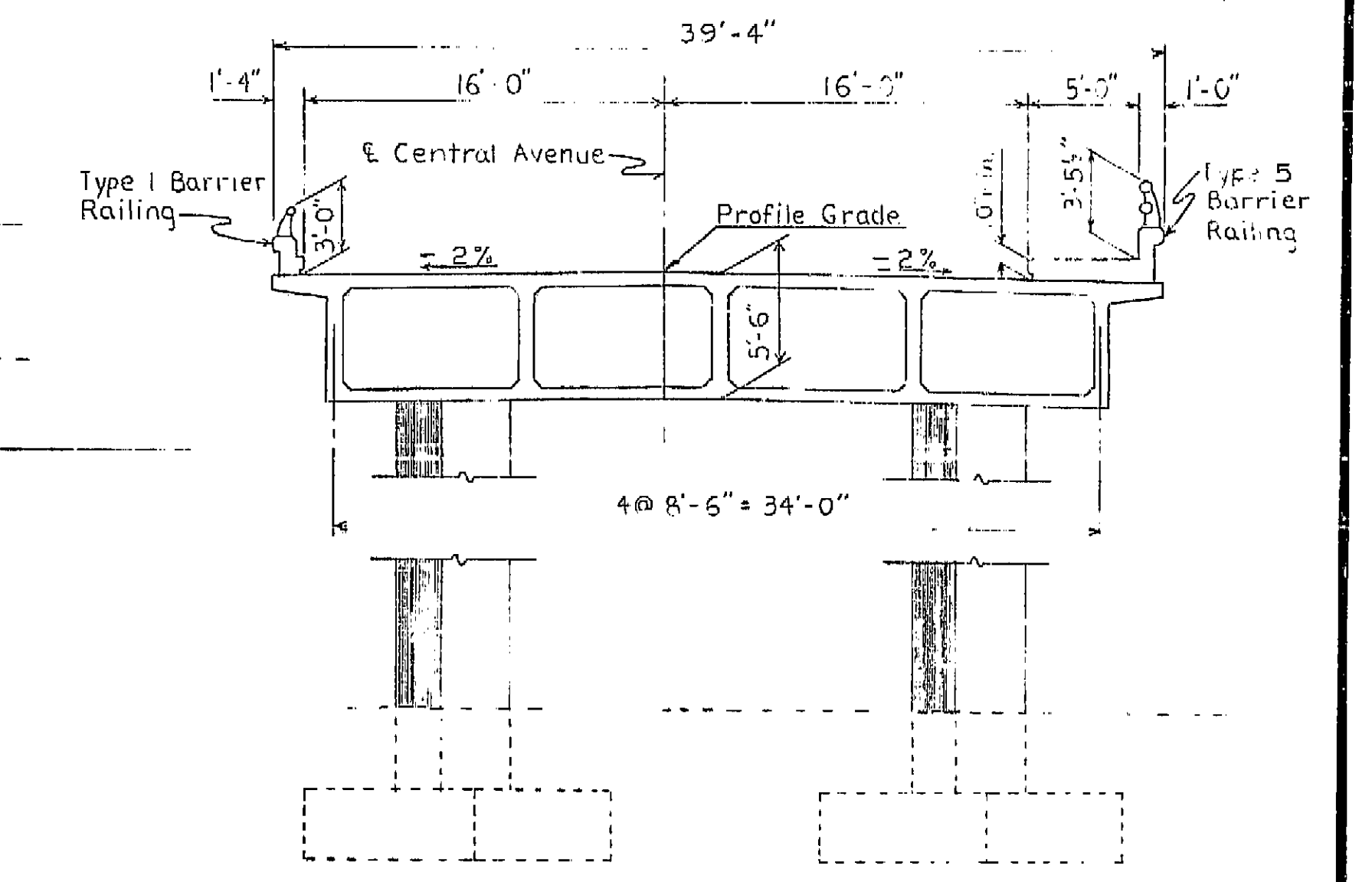
DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	FRE	99		168	424

APPROXIMATE QUANTITIES P.M. 15.9

*STRUCTURE EXCAVATION (BRIDGE)	410 C.Y.
*STRUCTURE BACKFILL (BRIDGE)	200 C.Y.
16" C.I. D.H. CONCRETE PILING	505 L.F.
*CLASS "A" CONCRETE (BRIDGE)	950 C.Y.
*BAR REINFORCING STEEL (BRIDGE)	256,000 LBS.
BARRIER RAILING (TYPE 1)	315 L.F.
BARRIER RAILING (TYPE 5)	315 L.F.

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	FRE	99		168	424

\*FINAL QUANTITIES



TYPICAL SECTION  
3/16"=1'-0"

INDEX TO PLANS

SHEET NO.	TITLE
1	General Plan
2	10' Grid of Deck Elevations
3	Foundation Plan
4	Abutment Details
5	Bent Details
6	Typical Section & Girder Layout
7	Girder Reinforcement
8	Standard Details No. 1
9	Barrier Railing Sheet 1
10	Barrier Railing Sheet 2
11	Log of Test Borings
12	Lighting Plan

Note: Route change (VI-99) <sup>FRE</sup>

Contract No. 62-6713C3-F

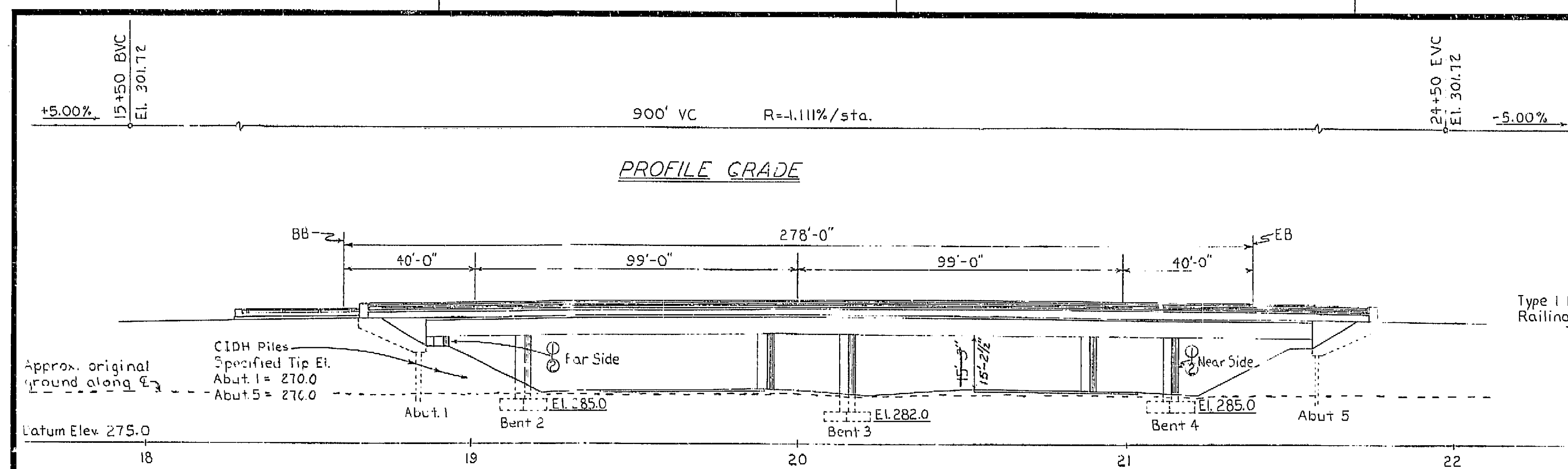
4-5-63 J.W. Beck  
11-19-63 DJL

For General Notes see "Foundation Plan".

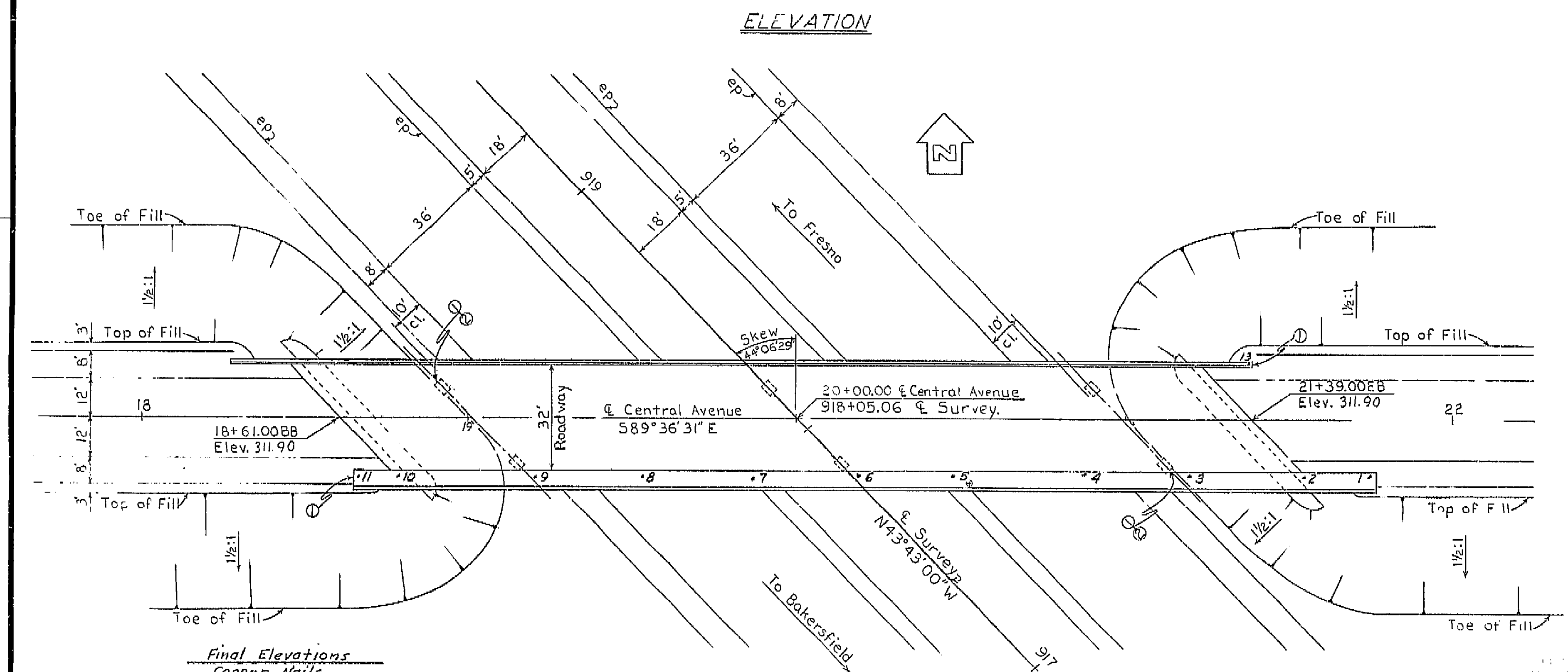
BRIDGE DEPARTMENT DESIGN SECTION 2			
Project Designer: <i>[Signature]</i>			
Chief Designer: <i>[Signature]</i>			
DESIGN	BY R.N. On 11-1-60	Checked by J.W. Beck 2-6-63	
DETAILS	BY R.N. On 11-1-60	Checked by J.W. Beck 2-6-63	
QUANTITIES	BY J.W. Beck 2-6-63	Checked by R.N. On 11-1-60	
SPECIFICATIONS	BY J.W. Beck 2-6-63	Checked by R.N. On 11-1-60	
Approval Recommended by: <i>[Signature]</i> Chief Eng. Union No. 10422			

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS			
CENTRAL AVENUE OVERCROSSING			
LOCATED ABOUT 3.1 MILES SOUTH OF THE SOUTH CITY LIMIT OF FRESNO			
GENERAL PLAN			
Except As Noted SCALE 1"=20'			
BRIDGE 42-207	FILE	DRAWING C-6734-1	

PREL. DRAWING No. P-6734-1-20



PROFILE GRADE



ELEVATION

Final Elevations  
Copper Nails

1. 311.724	8. 313.349
2. 312.192	9. 313.108
3. 312.639	10. 312.262
4. 313.077	11. 312.397
5. 313.292	12. 314.040
6. 313.406	13. 314.561
7. 313.427	

AS BUILT PLANS  
Contract No. 62-6713C3  
Date Completed  
Document No. 60001062

PLAN

Live Loading: H20-516-44 & Alternative.

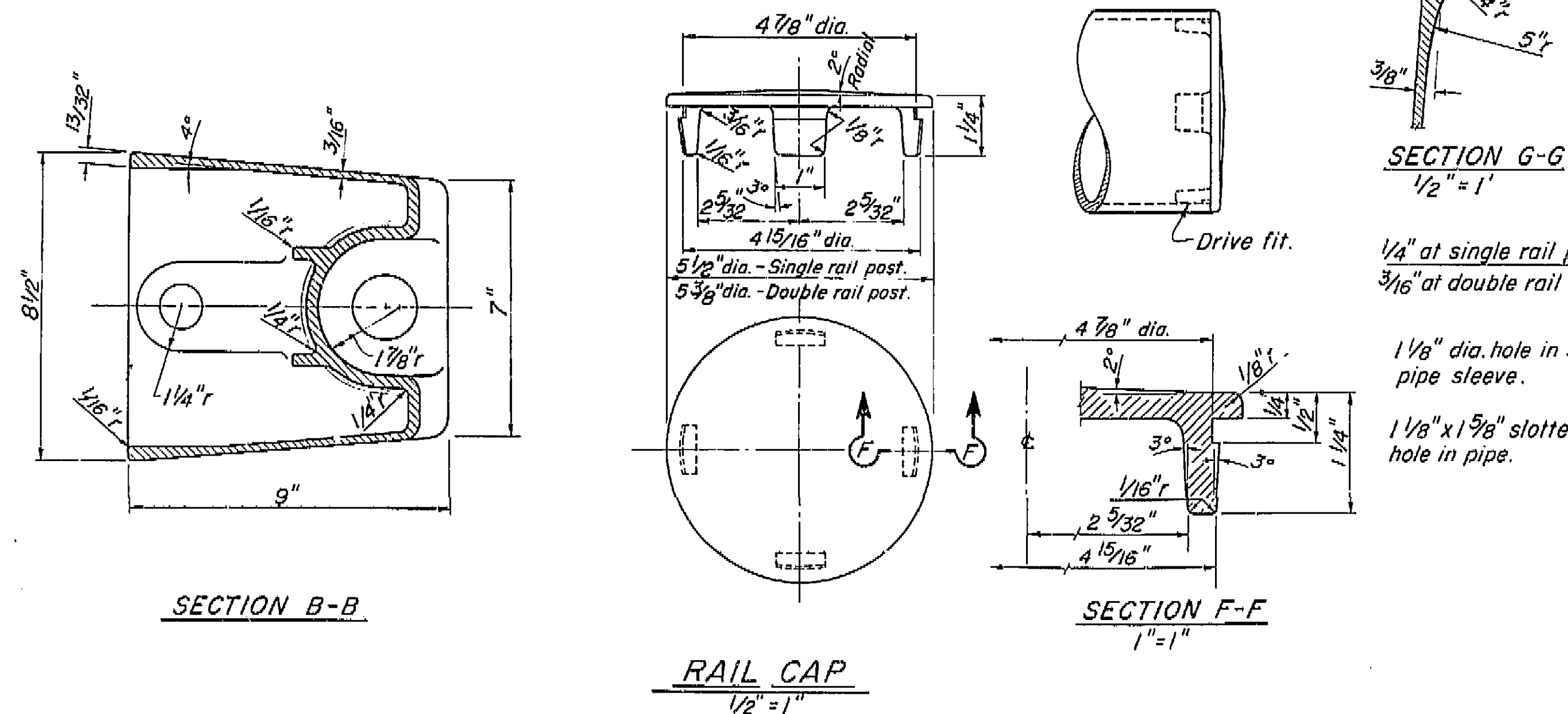
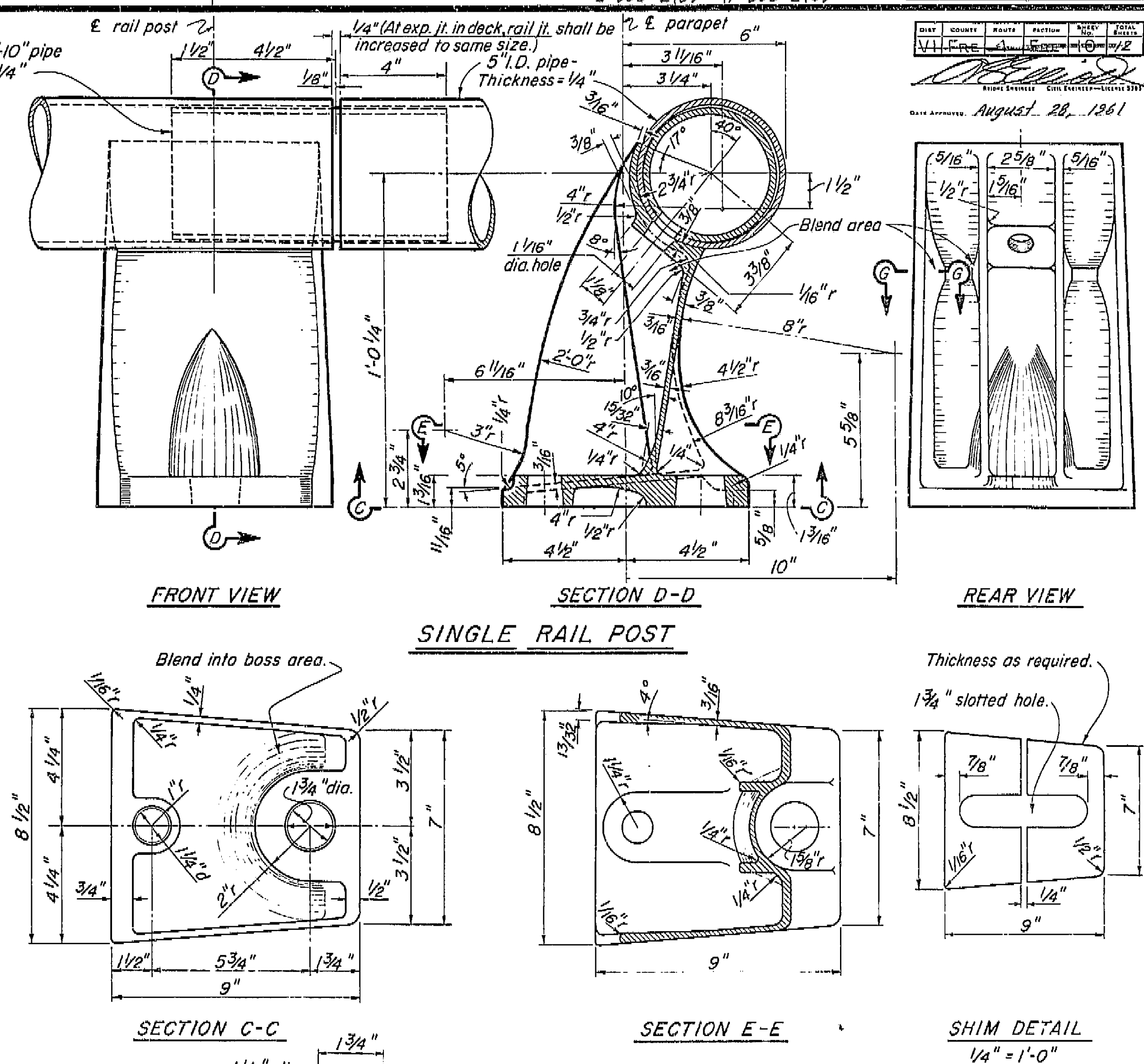
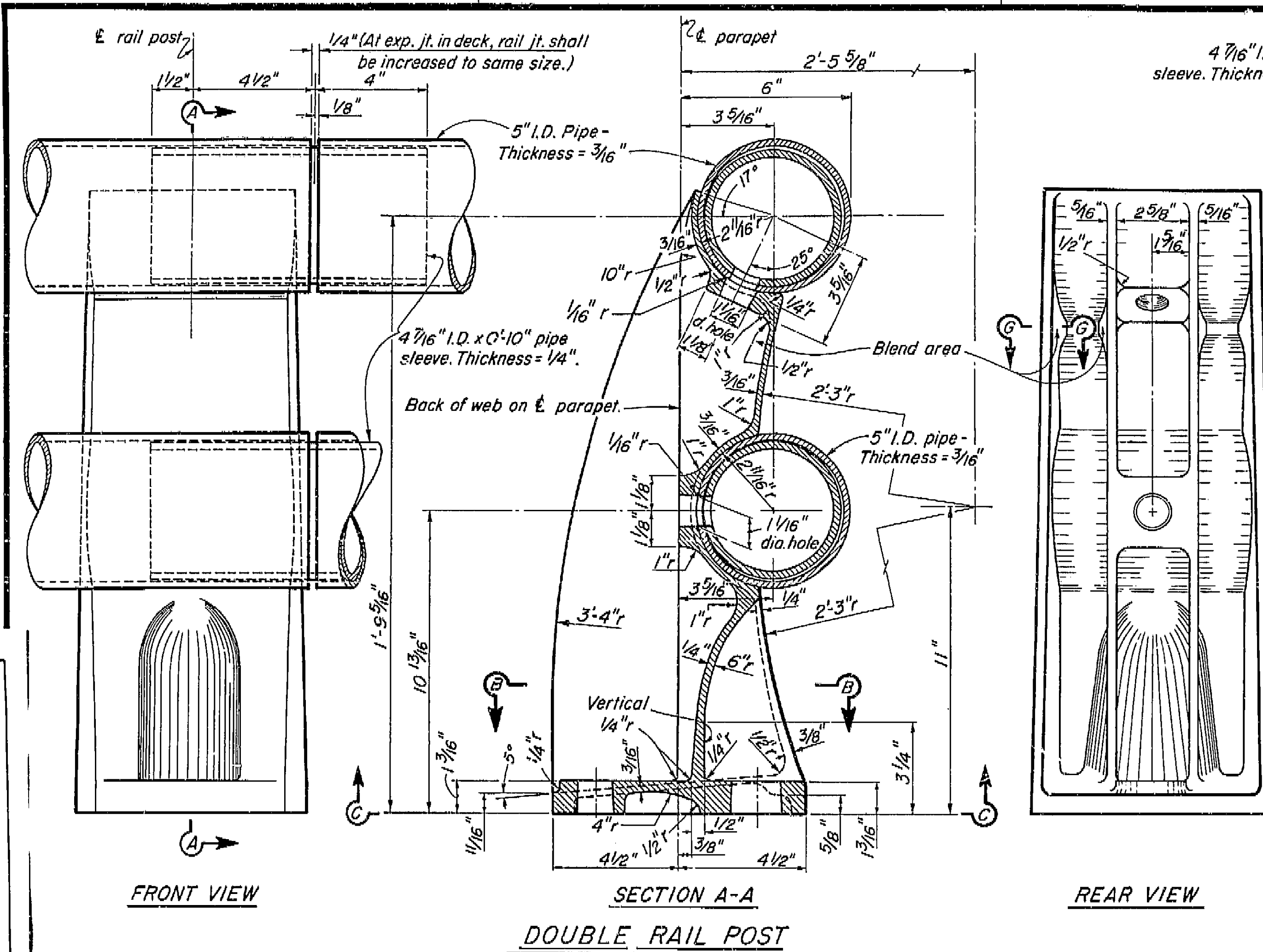
- ① Indicates location for painting Bridge Number and year of construction.
- ② Indicates location for painting "Central Avenue OC".
- ③ Indicates location of minimum Vertical Clearance.

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL OF THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 1-12-72 SIGNATURE *[Signature]* TITLE *[Title]*



AS BUILT PLANS  
Contract No. 62-6713C3  
Date Completed \_\_\_\_\_  
Document No. 60001062



- Notes:
1. At the option of the contractor, material for the railing shall be one of the following:
    - a. Aluminum pipe rail and cast aluminum post.
    - b. Steel pipe rail and cast steel post. Rail and posts to be galvanized. Steel pipe rail shall be  $\frac{3}{16}$ " thick with 5" I.D.. Rail post dimensions shall be revised as necessary to fit the steel pipe.
  2. Shims are to be of asbestos sheet packing.
  3. For railing on a horizontal curve the pipe rail shall be bent to the curve or the spacing of posts adjusted so that the middle ordinate between posts will not exceed 1".

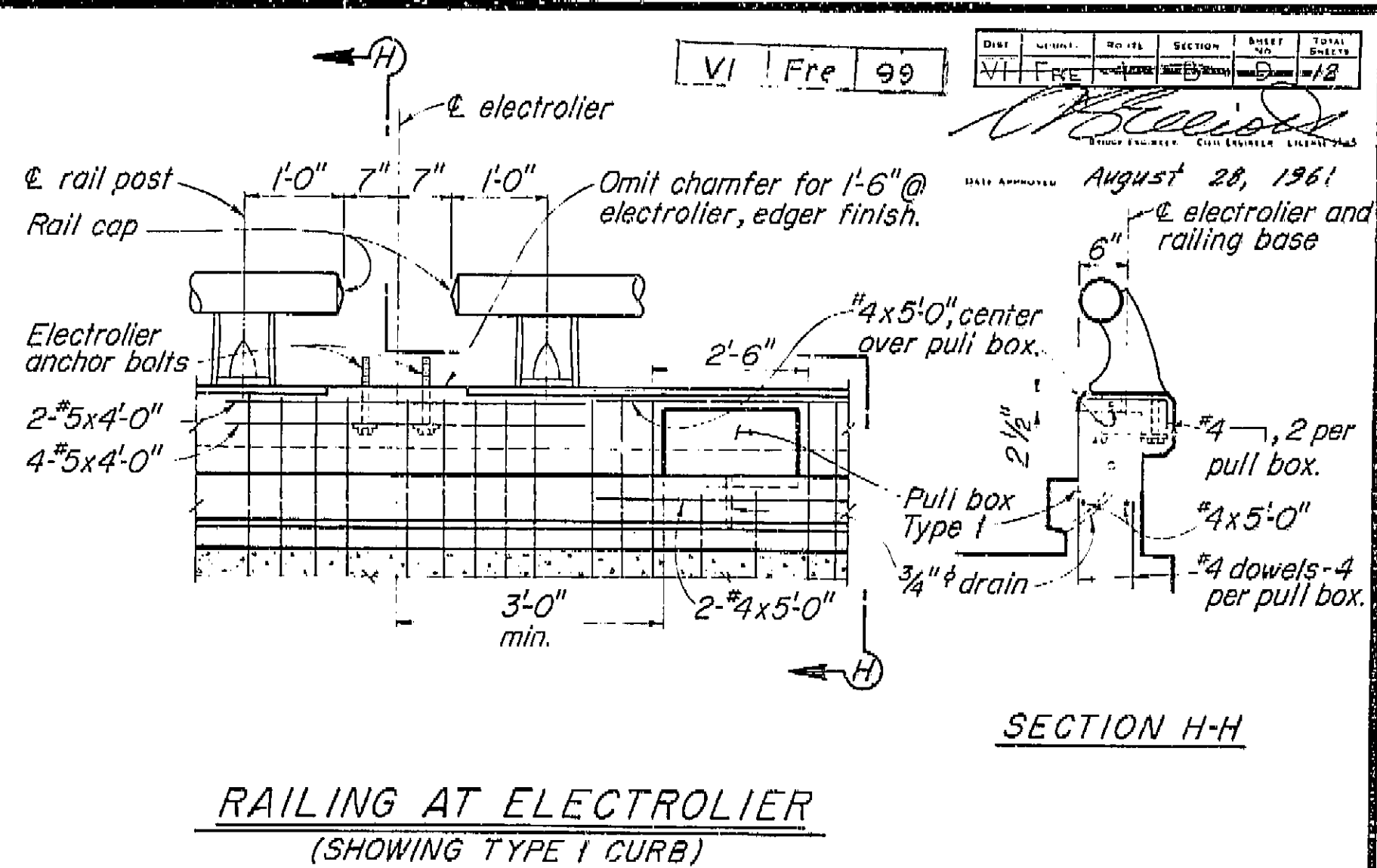
BRIDGE DEPARTMENT <b>DESIGN SECTION</b> Station Supervisor <i>M. J. Ventresca</i>	<b>2</b>	11/60	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS
<b>CENTRAL AVENUE OVERCROSSING</b>			
DESIGN Details DETAILS QUANTITIES	By <i>RN Amosaka</i> Checked <i>W. H. Graham</i> By <i>RN Amosaka</i> Checked <i>W. H. Graham</i> By <i>CHB</i> Checked <i>DRM</i>	1260 1360 1260 1360	EXCEPT AS NOTED SCALE 3/8" = 1"
		BRIDGE 42-207	XS-9-71 FILE
		DRAWING C-6734-10-1	

Disregard prints bearing earlier numbers

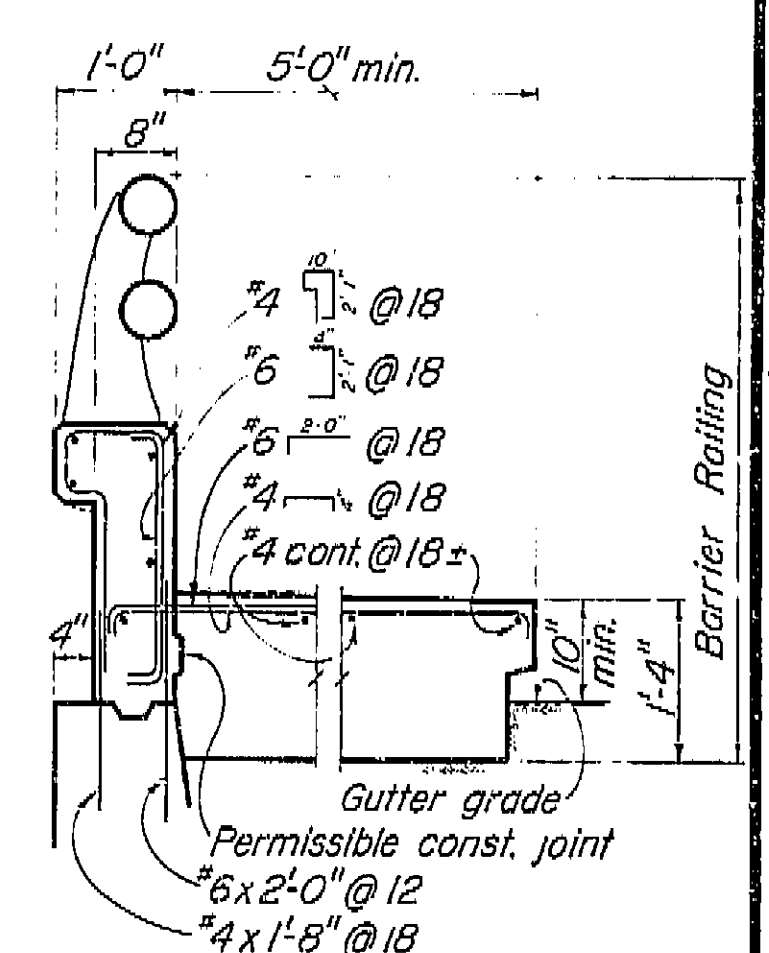
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_





RAILING AT ELECTROLIER  
(SHOWING TYPE I CURB)

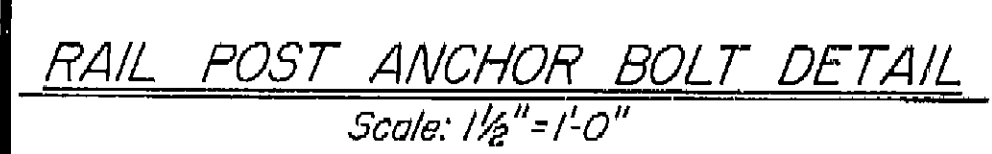


TYPE 5A

{ Conc. 8.35 cu.ft./lin.ft.  
Relinf. 19.7 lbs./lin.ft.

{ Conc. 1.34 cu.ft./lin.ft.  
Relinf. 21 lbs./lin.ft.

G. Clearance to reinforcing steel in curb and railing to be 1".



BRIDGE DEPARTMENT <b>DESIGN SECTION</b>	<b>2</b>	10/60
Section Supervisor <i>M. J. J. J.</i>	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
DESIGN BY <i>R. N. Amos</i> 12-60 CHECKED <i>M. J. J. J.</i> 12-60	CENTRAL AVENUE OVERCROSSING	
DETAILS BY <i>R. N. Amos</i> 12-60 CHECKED <i>M. J. J. J.</i> 12-60	BARRIER RAILING SHEET 1	
QUANTITIES BY <i>CB</i> CHECKED <i>DRM</i>	EXCEPT AS NOTED SCALE 3/4"=1'-0"	
	BRIDGE 42-207	XS-9-63 FILE
	DRAWING C-6734-9	

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL OF THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 12-2-68 SIGNATURE [Signature] TITLE [Title]



U-006-2-(6)

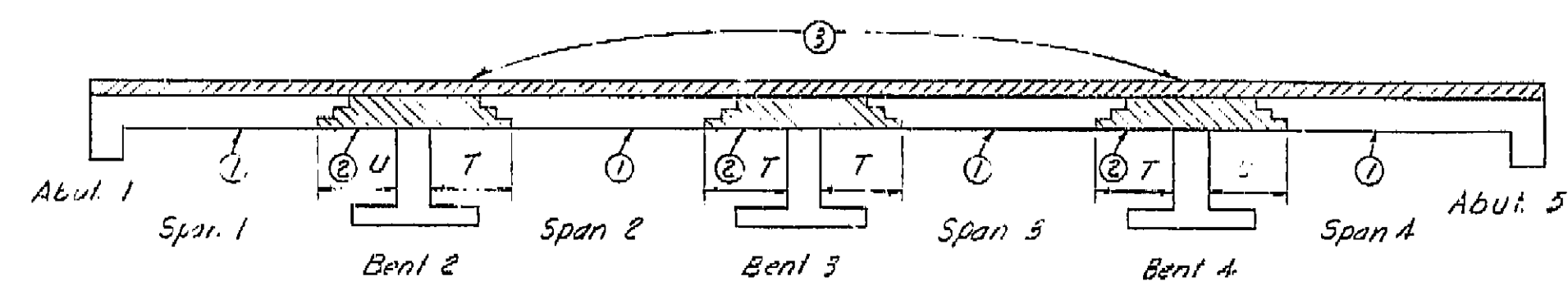
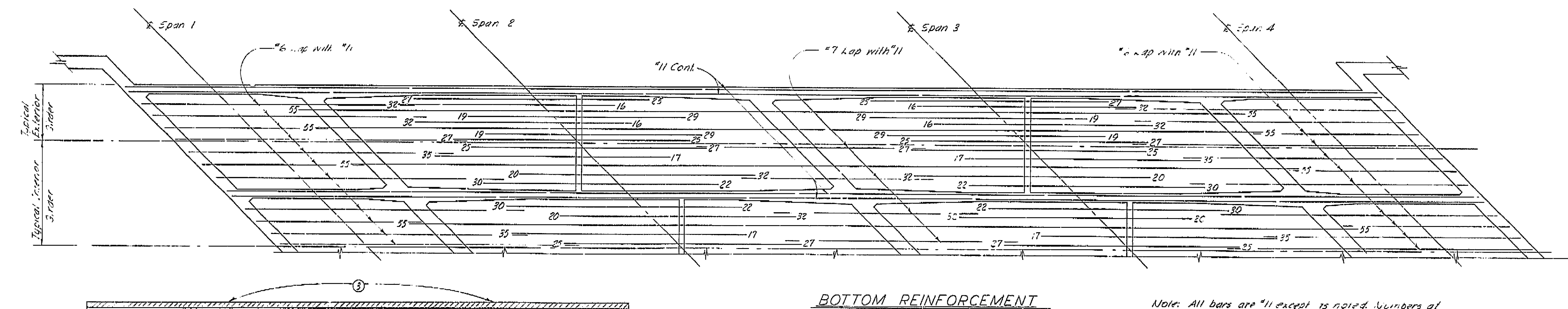
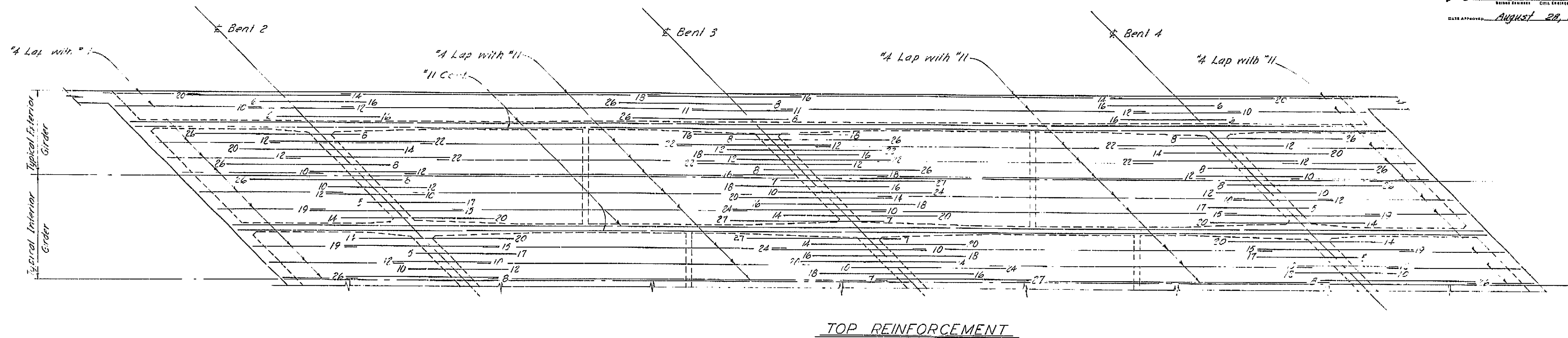
F-006-2(5)

FED. ROAD DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			174	424

DIST.	COUNTY	ROUTE	SECTION	POST MILES	TOTAL MILES
VI	Fre	99		12	12

BRIDGE ENGINEER  
CIVIL ENGINEER - LICENSE 5585

DATE APPROVED August 28, 1961



BOX GIRDER SUPERSTRUCTURE PLACING DIAGRAM

Numbers ① and ② indicate sequence of placing bottom slab and girder stem concrete. ② may be placed simultaneously with ① when approved by the Engineer, and provided that the 1 sections are placed in adjoining spans.

Top concrete ③ shall be placed separately from ① and ②. ③ may be placed continuously or in parts as approved by the Engineer, however the only joints permitted shall be located within 2'-0" of the girder joints between ① and ②.

T =  $\frac{1}{4}$  Span length

U =  $\frac{1}{4}$  Span length

For any deviation from the above the Contractor shall submit a diagram to the Engineer.

## AS BUILT PLANS

Contract No. 62-6T13C3

Date Completed

Document No. 60001062

Note: All bars are #11 except as noted. Numbers at ends of bars indicate distance in feet from Bent for Top Reinforcement or from Span for Bottom Reinforcement. No splicing of #11 bars permitted near Bent 1 Top Reinforcement or near Span 1 Bottom Reinforcement.

BRIDGE DEPARTMENT			
DESIGN SECTION			
Project Designer: <i>[Signature]</i>			
Chief Designer: <i>[Signature]</i>			
DESIGN	by <i>[Signature]</i> 2/60	CHIEF <i>[Signature]</i> 3/60	
DETAILS	by <i>[Signature]</i> 1/60	CHIEF <i>[Signature]</i> 2/60	
QUANTITIES	by <i>[Signature]</i> 3/60	CHIEF <i>[Signature]</i> 4/60	
SPECIFICATIONS	by <i>[Signature]</i>	CHIEF <i>[Signature]</i>	
Approval Recommended by <i>[Signature]</i>			

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS

CENTRAL AVENUE OVERCROSSING

GIRDER REINFORCEMENT

SCALE: None BRIDGE 12-207 FILE DRAWING C-6134-7

PREL. DRAWING No. P. 6134-7 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 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528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 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2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 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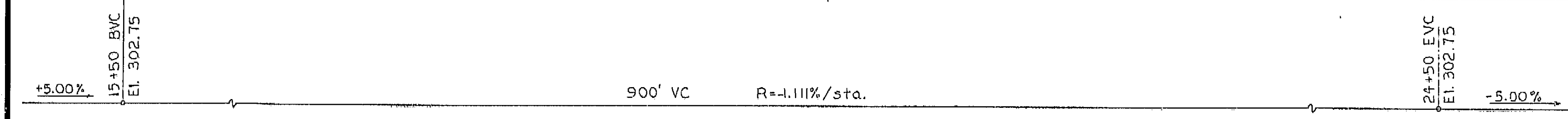


U-006-2(6) F-006-2(5)

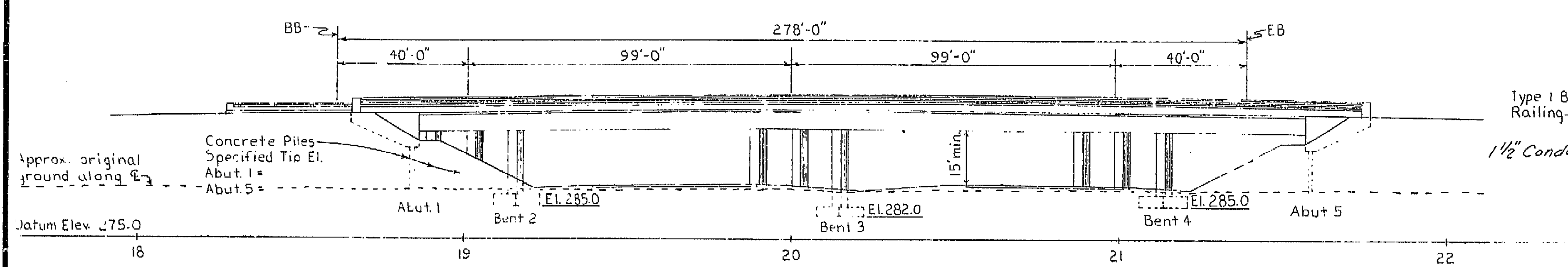
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7	CALIF.		179	424

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	FRE	99	42-207	72	72

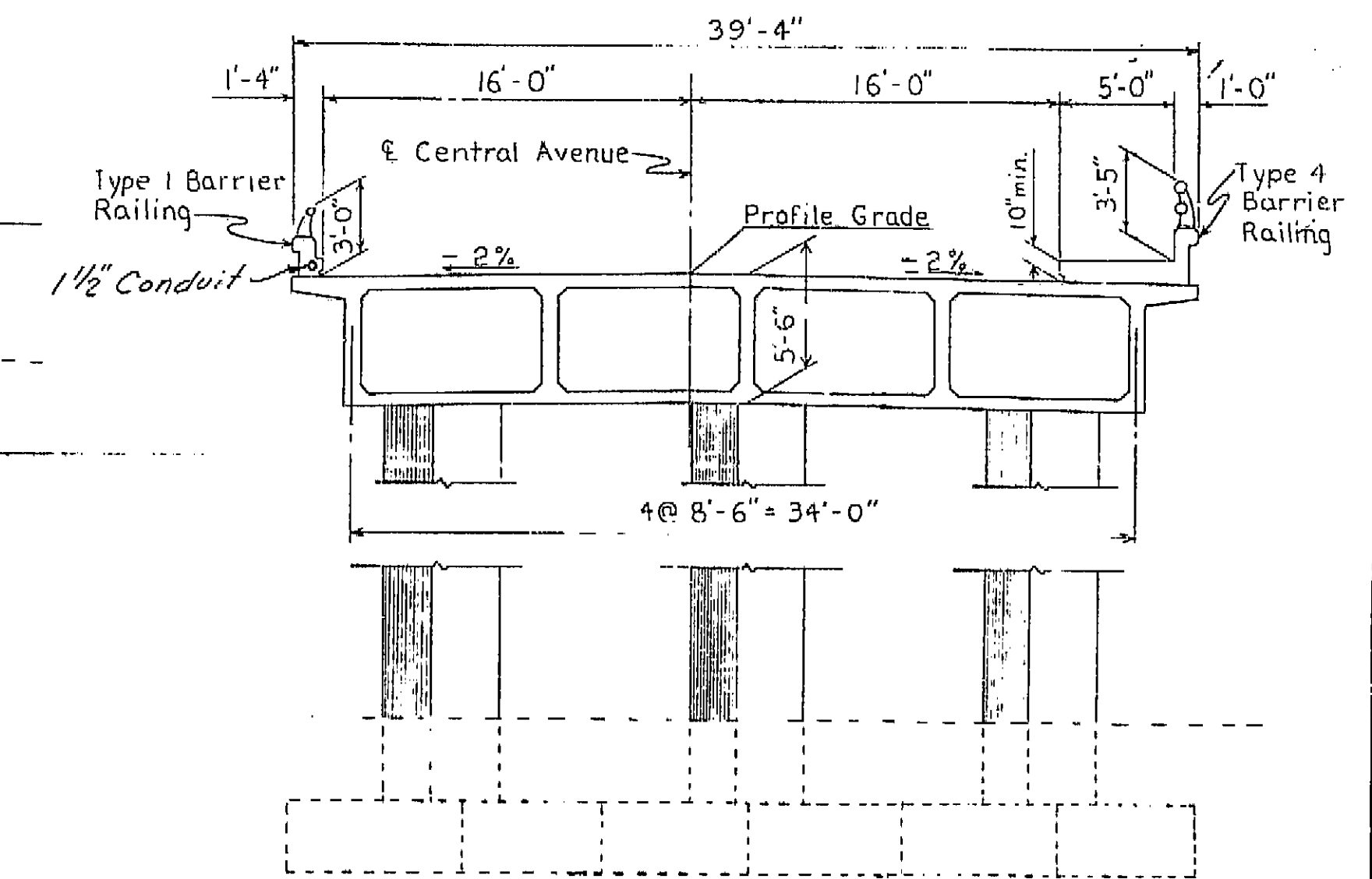
DISTRICT ENGINEER  
DATE APPROVED August 28, 1961  
BY [Signature]



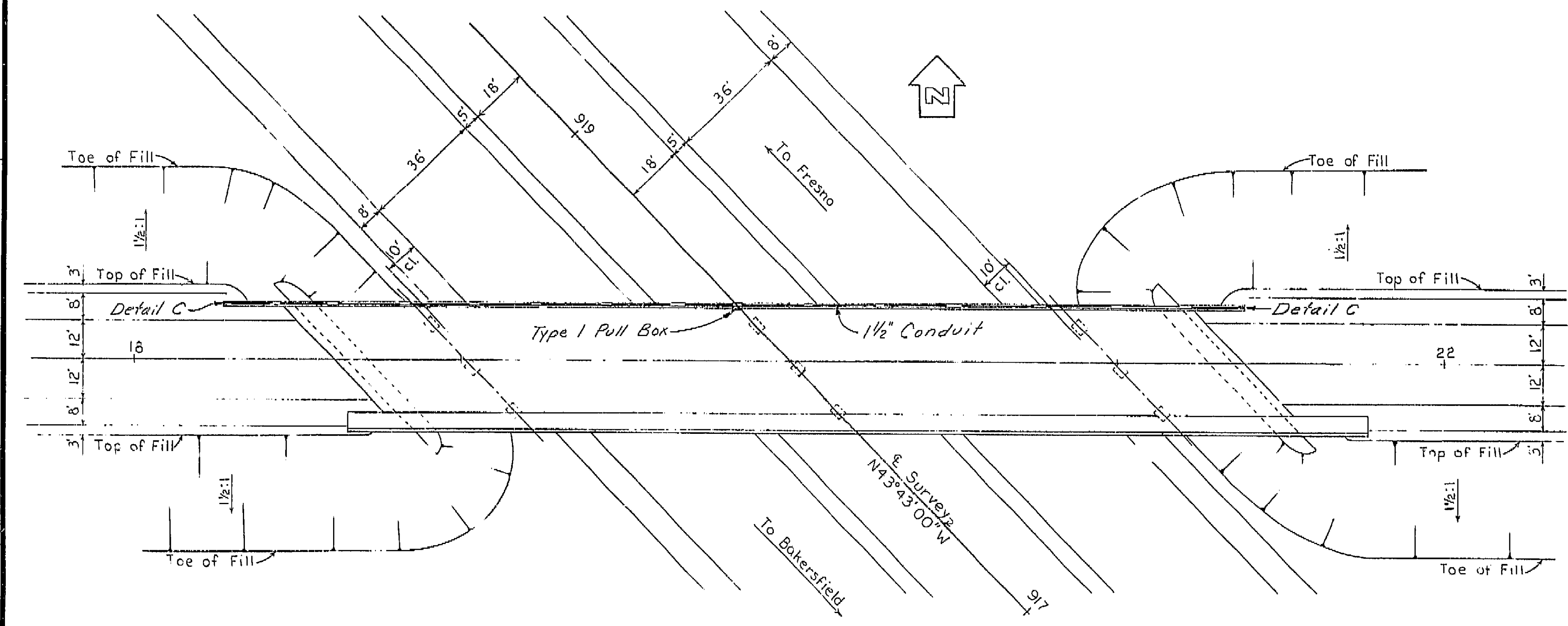
PROFILE GRADE



ELEVATION



TYPICAL SECTION  
3/16" = 1'-0"



PLAN

Note: This plan accurate for highway lighting only.

For additional notes see Sheet No. ES-7-4

AS BUILT PLANS  
Contract No. 62-6713C3  
Date Completed  
Document No. 60001062

BRIDGE DEPARTMENT			
DESIGN SECTION 2			
Project Designer: [Signature]			
Chief Designer: [Signature]			
DESIGN	By RN Amela	1/60	Checked
DETAILS	By RN Amela	1/60	Checked
QUANTITIES	By		Checked
ELECTRICAL	By		Checked
Approval Recommended by: [Signature]			

STATE OF CALIFORNIA			
DEPARTMENT OF PUBLIC WORKS			
DIVISION OF HIGHWAYS			
CENTRAL AVENUE OVERCROSSING			
LOCATED ABOUT 3.1 MILES SOUTH OF THE SOUTH CITY LIMIT OF FRESNO			
LIGHTING PLAN			
Except As Noted SCALE 1"=20'			
BRIDGE 42-207	FILE	DRAWING	

PROJECT ENGINEER	DATE	DESIGN ENGINEER	DATE	APPROVAL RECOMMENDED BY	DATE
[Signature]	4/61	[Signature]	4/61	[Signature]	4/61

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_



11-006-2(6) F-006-2(5)

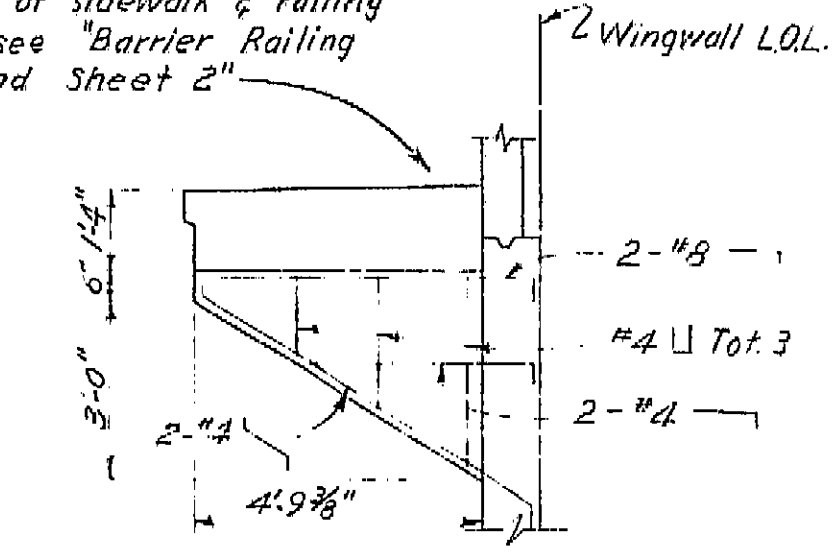
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			171	424

VI Fre 99

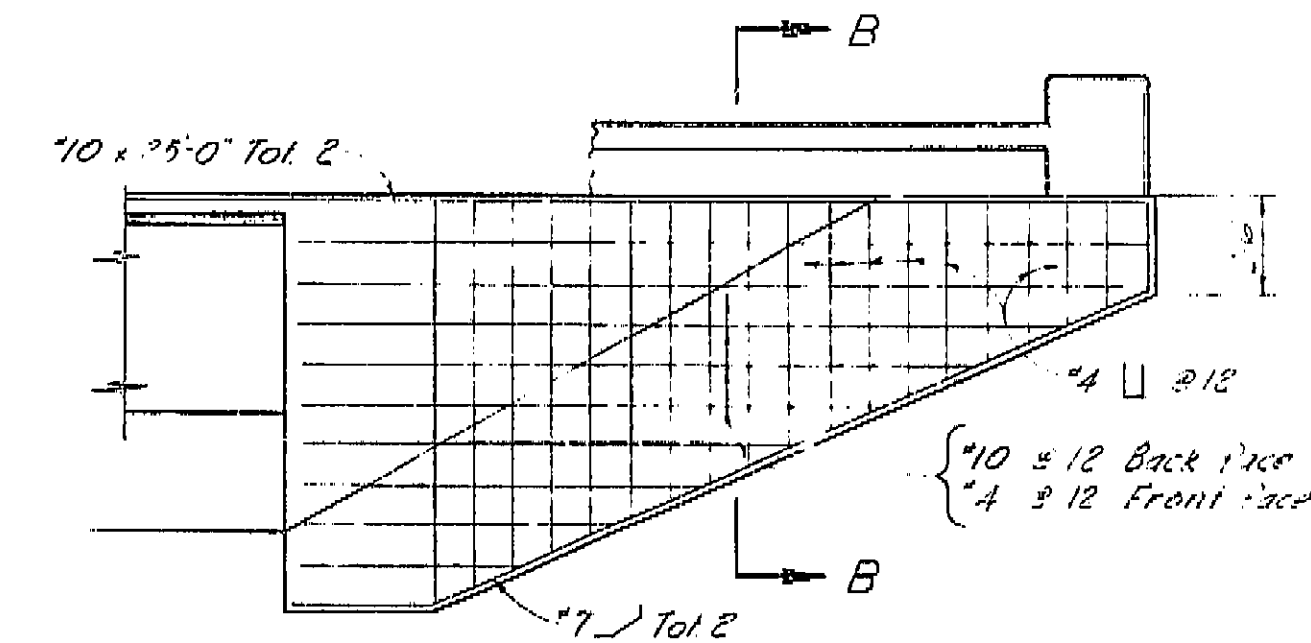
DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	Fre	99		171	424

DATE APPROVED: August 28, 1961

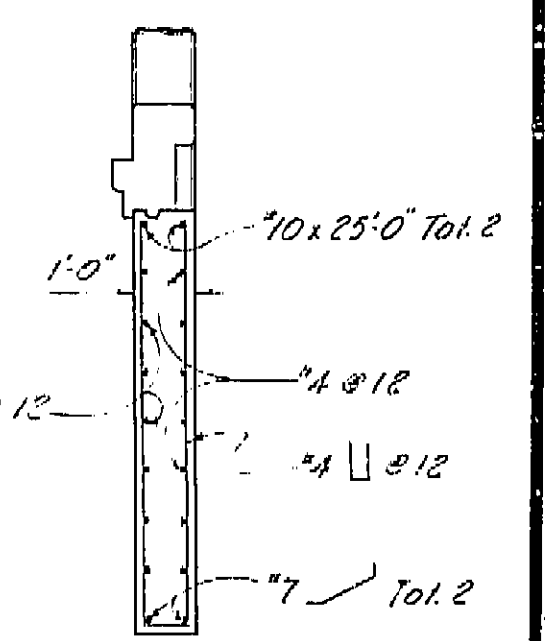
For details of sidewalk & railing not shown see "Barrier Railing Sheet 1 and Sheet 2"



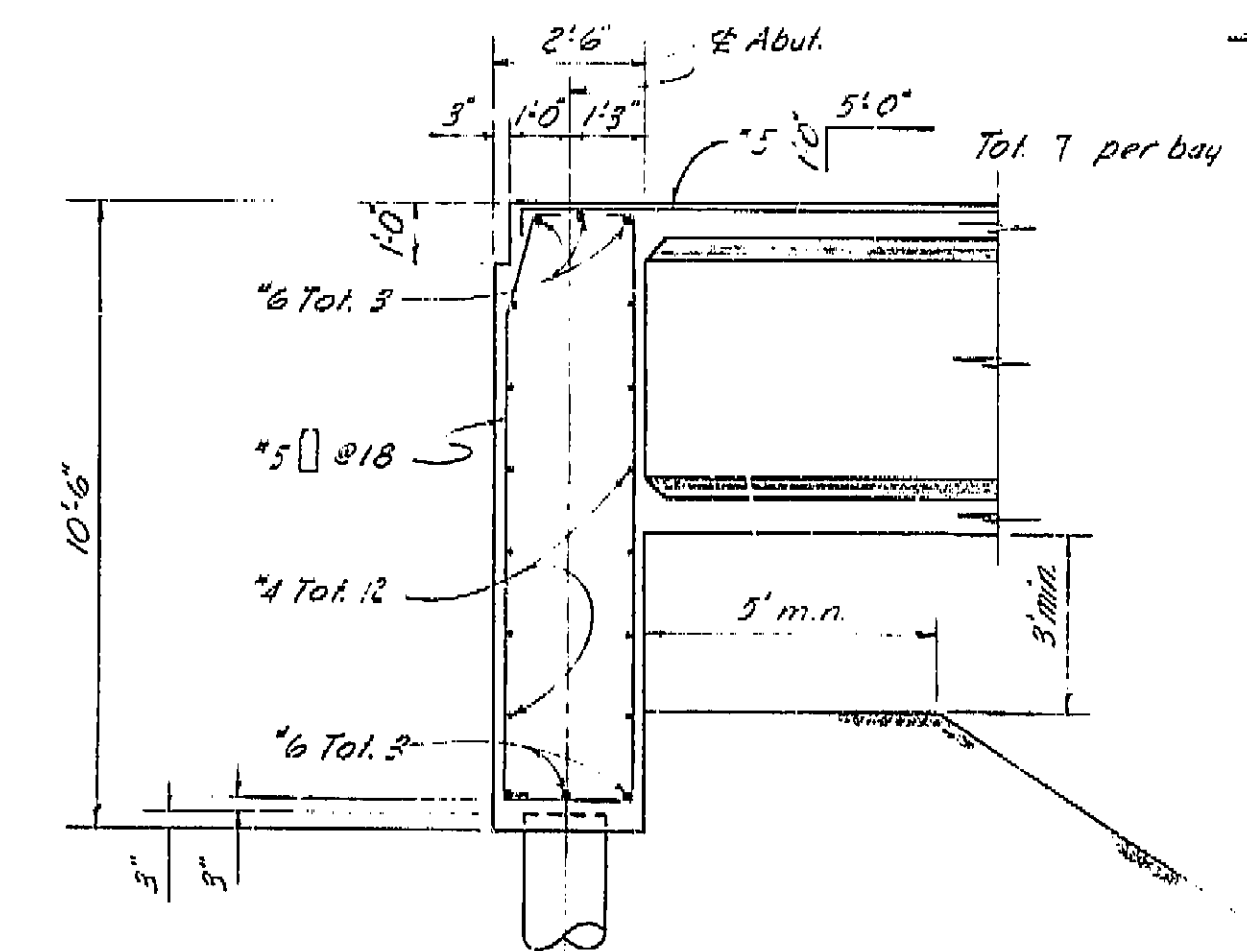
SECTION E-E  
3/8" = 1'-0"



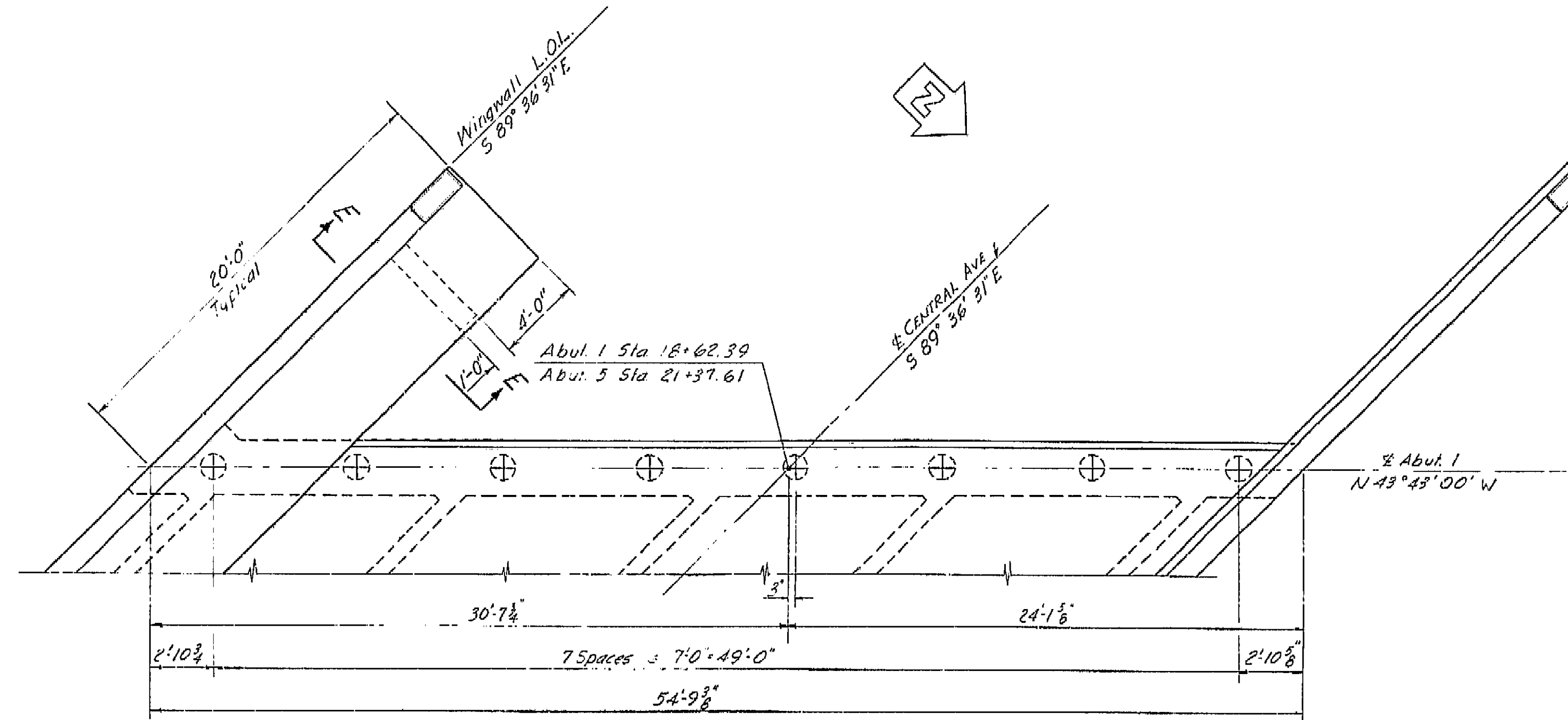
TYPICAL WINGWALL ELEVATION  
4'-1'-0"



SECTION B-B  
3/8" = 1'-0"



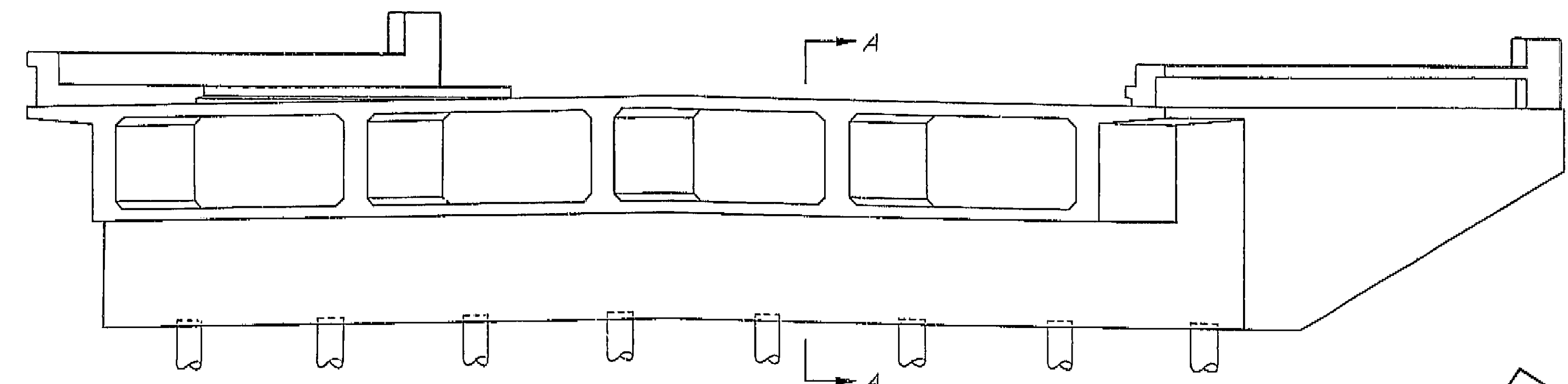
SECTION A-A  
3/8" = 1'-0"



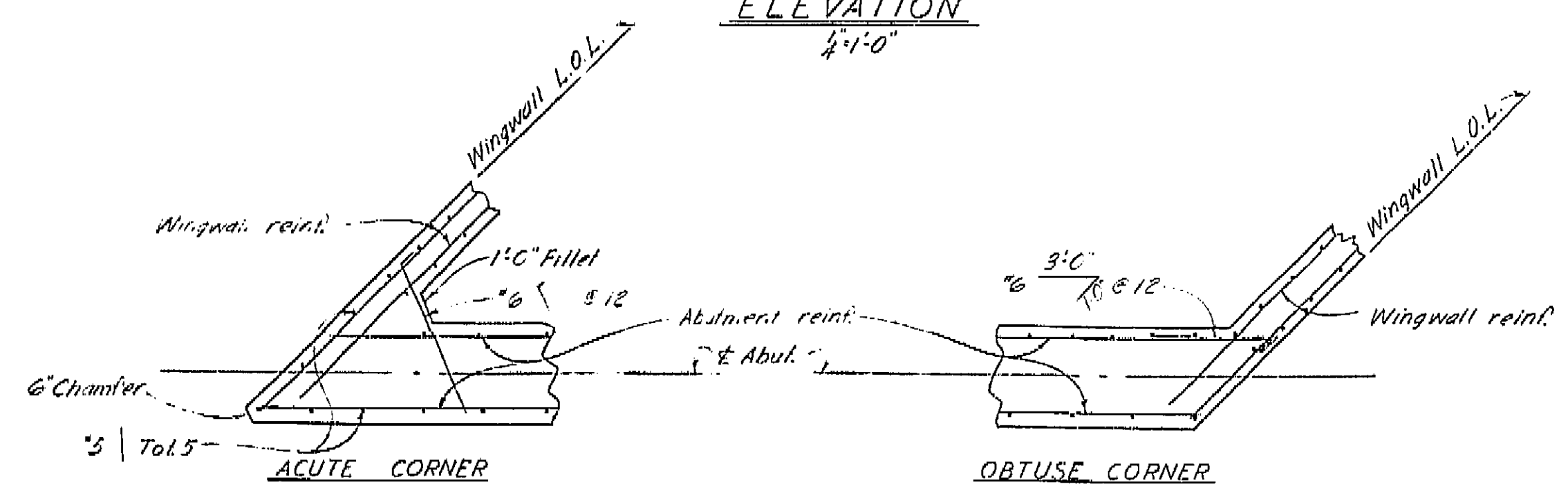
PLAN ABUT 1  
4'-1'-0"

Abut. 1 shown, Abut. 5 similar

Note: For pile details see "Foundation Plan."



ELEVATION  
4'-1'-0"



ABUTMENT CORNER DETAILS  
3/8" = 1'-0"

AS BUILT PLANS  
Contract No. 62-671353  
Date Completed  
Document No. 60001062

BRIDGE DEPARTMENT			
DESIGN SECTION			
Project Designer: <i>[Signature]</i>			
Chief Designer: <i>[Signature]</i>			
DESIGN	BY: <i>[Signature]</i>	Checked: <i>[Signature]</i>	DATE: 3/60
DETAILS	BY: <i>[Signature]</i>	Checked: <i>[Signature]</i>	DATE: 4/60
QUANTITIES	BY: <i>[Signature]</i>	Checked: <i>[Signature]</i>	DATE: 5/60
SPECIFICATIONS	BY: <i>[Signature]</i>	Checked: <i>[Signature]</i>	DATE: 6/60
Approved/Recommended by: <i>[Signature]</i>			

STATE OF CALIFORNIA			
DEPARTMENT OF PUBLIC WORKS			
DIVISION OF HIGHWAYS			
CENTRAL AVENUE OVERCROSSING			
ABUTMENT DETAILS			
SCALE: As Noted	BRIDGE 42-207	FILE	DRAWING C-6734-4

PREL. DRAWING NO. P. 6734 5 17 23

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 1-12-62 SIGNATURE *[Signature]* TITLE *[Signature]*



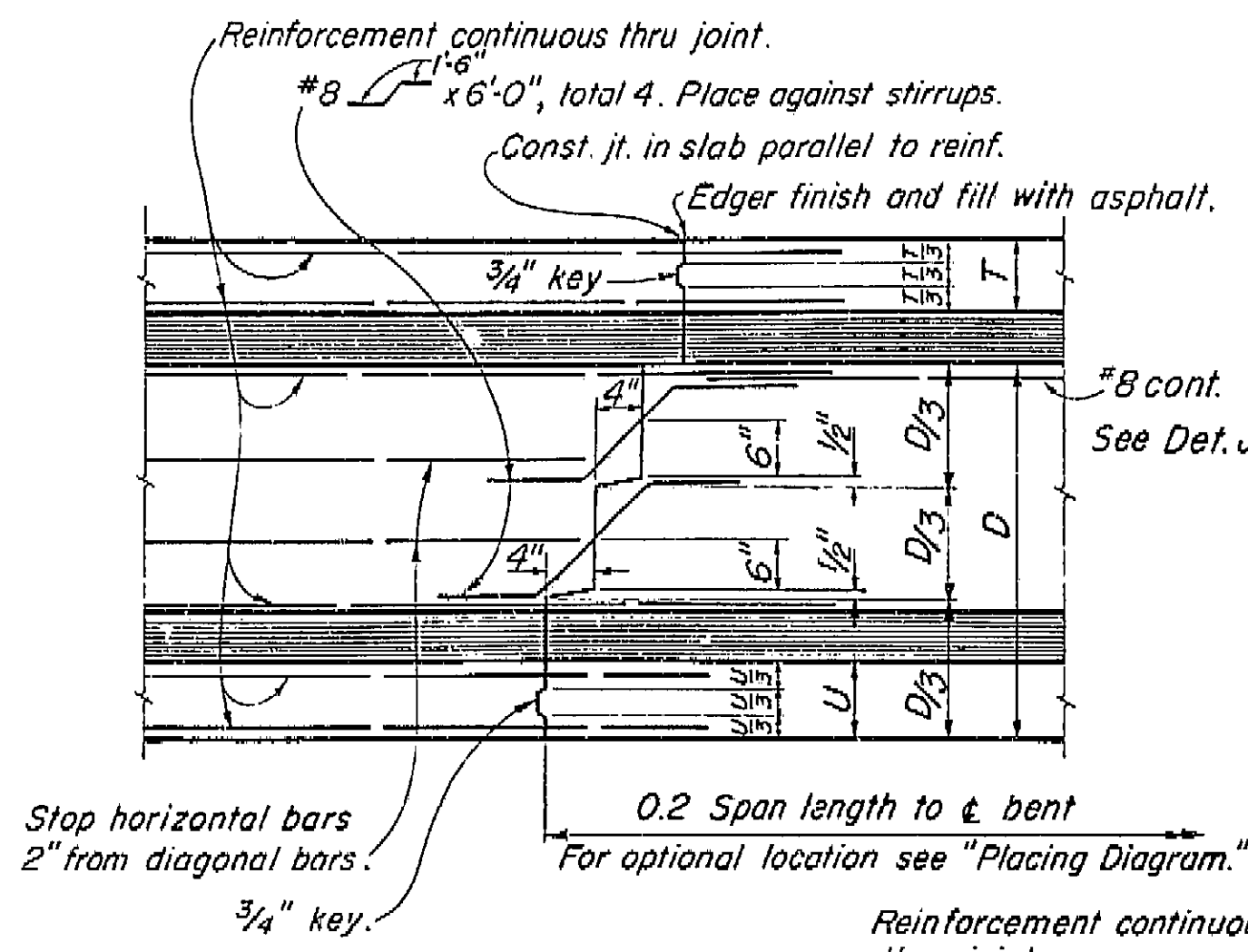
Revision: 9-22-60  
 Note #8 bar cont.  
 Detail J-1.  
 27K

U-006-2(6) F-006-2(5)

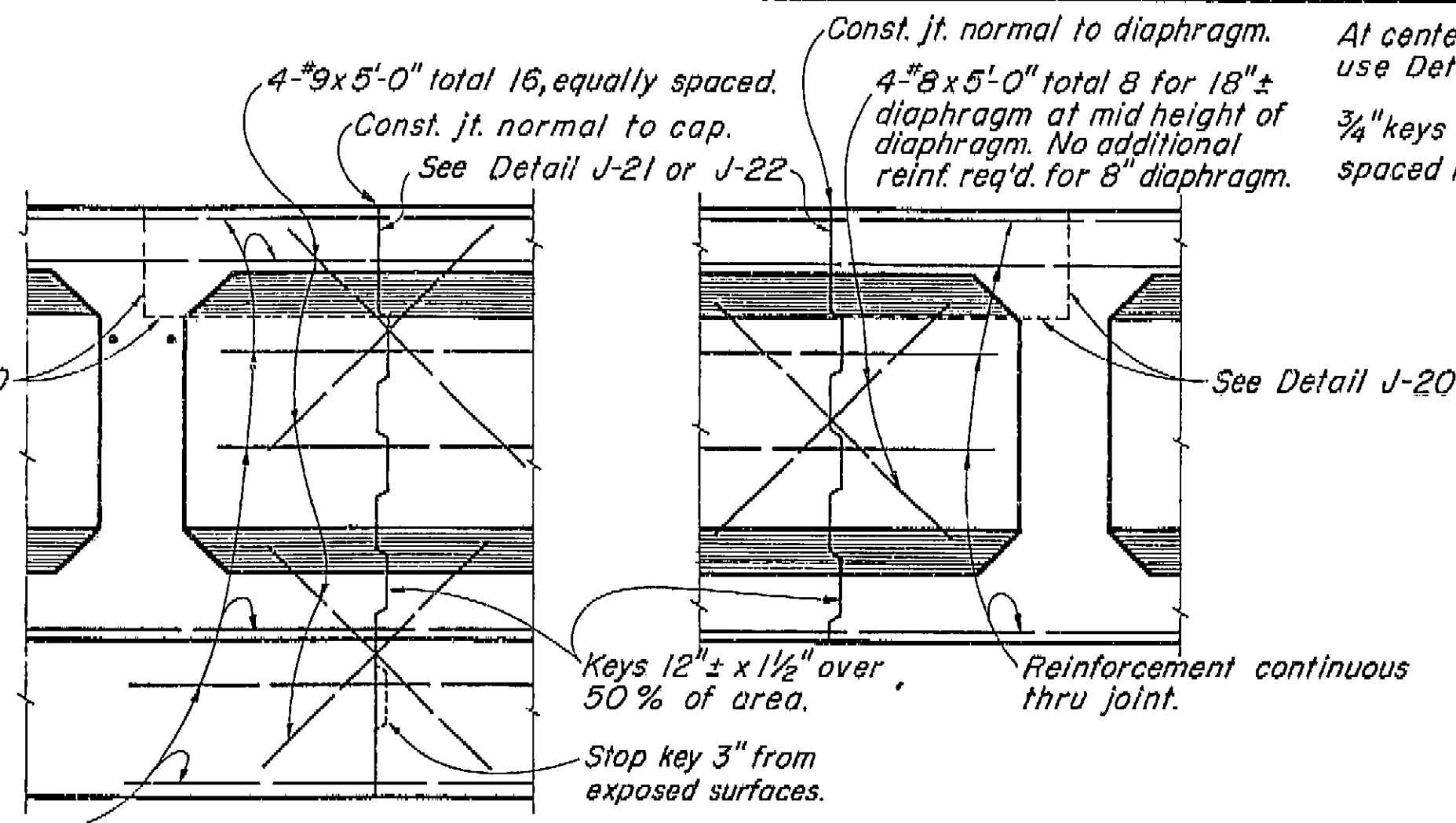
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		175	424

COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	Fre	99	175	424

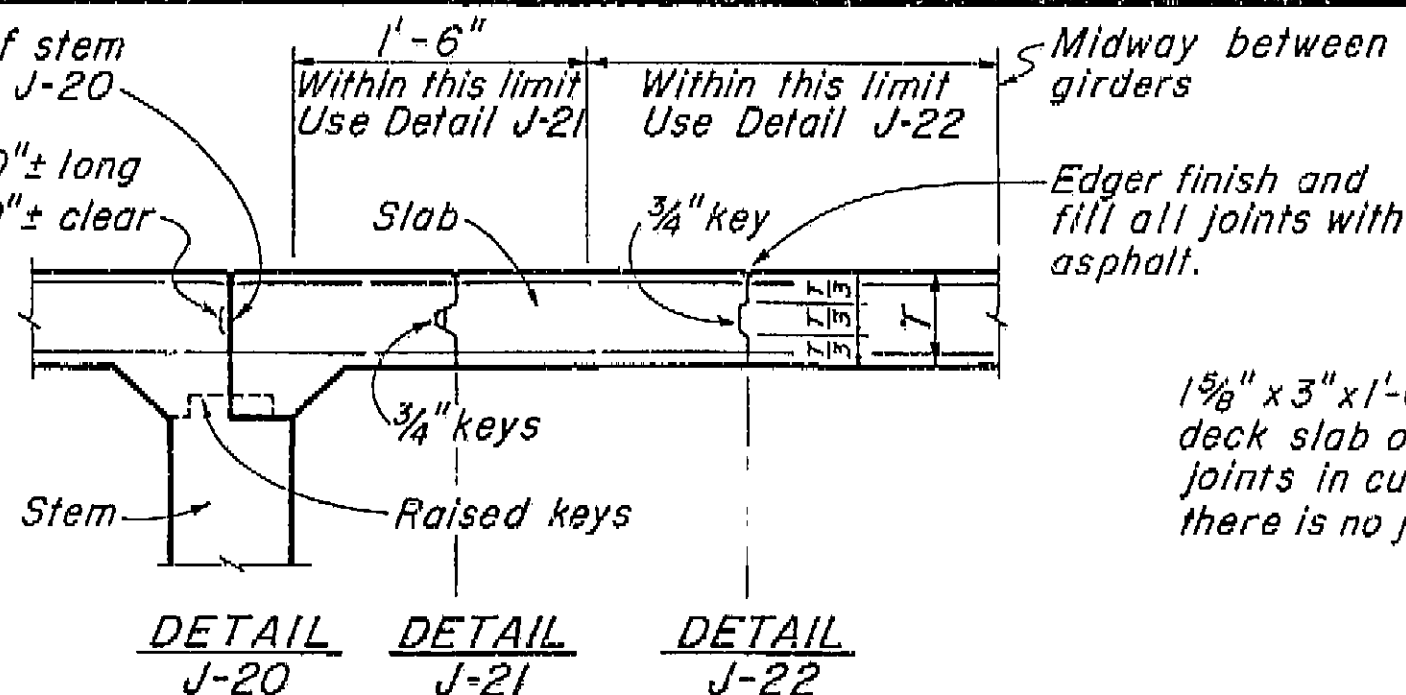
DATE APPROVED: August 28, 1961  
 VI Fre 99



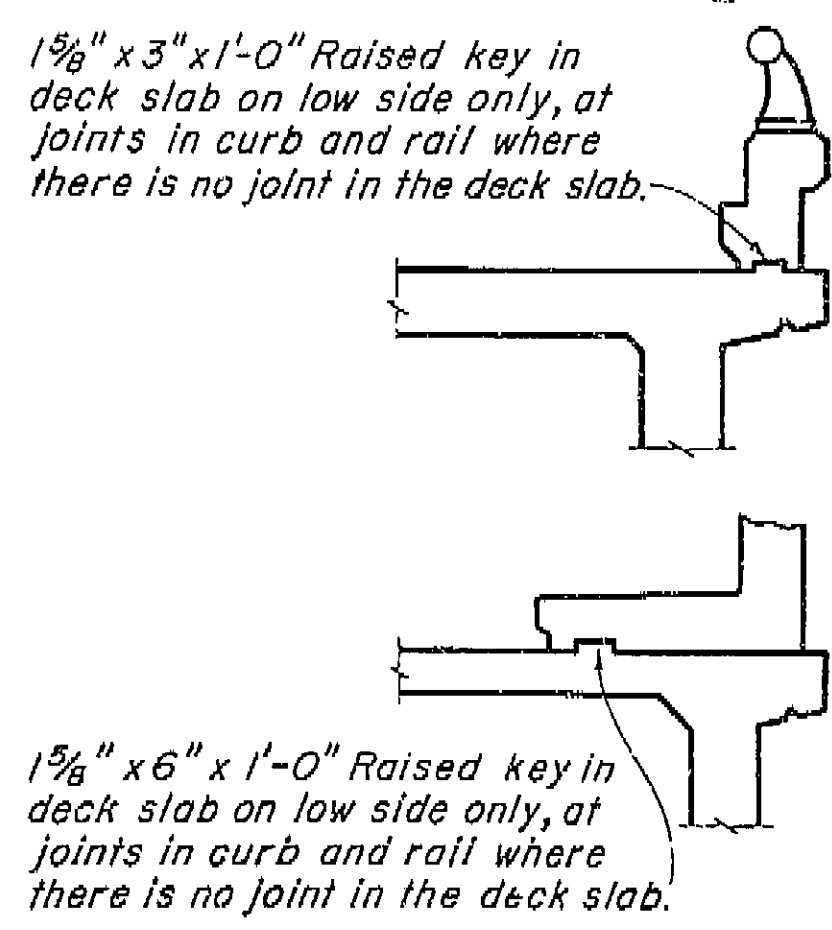
**TRANSVERSE GIRDER CONSTRUCTION JOINTS**  
**DETAIL J-3**



**BENT CAP LONGITUDINAL CONSTRUCTION JOINTS**  
**DETAIL J-4**

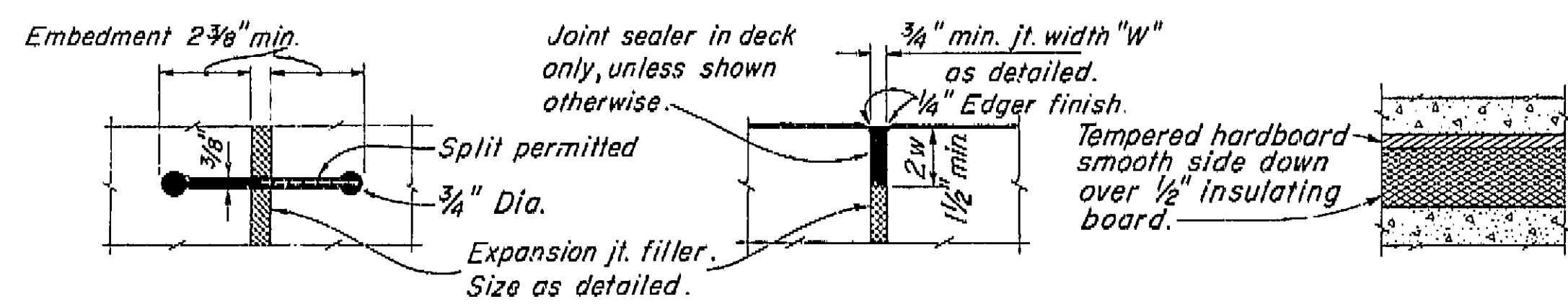


**DECK SLAB LONGITUDINAL CONSTRUCTION JOINTS**  
**DETAIL J-20 DETAIL J-21 DETAIL J-22**

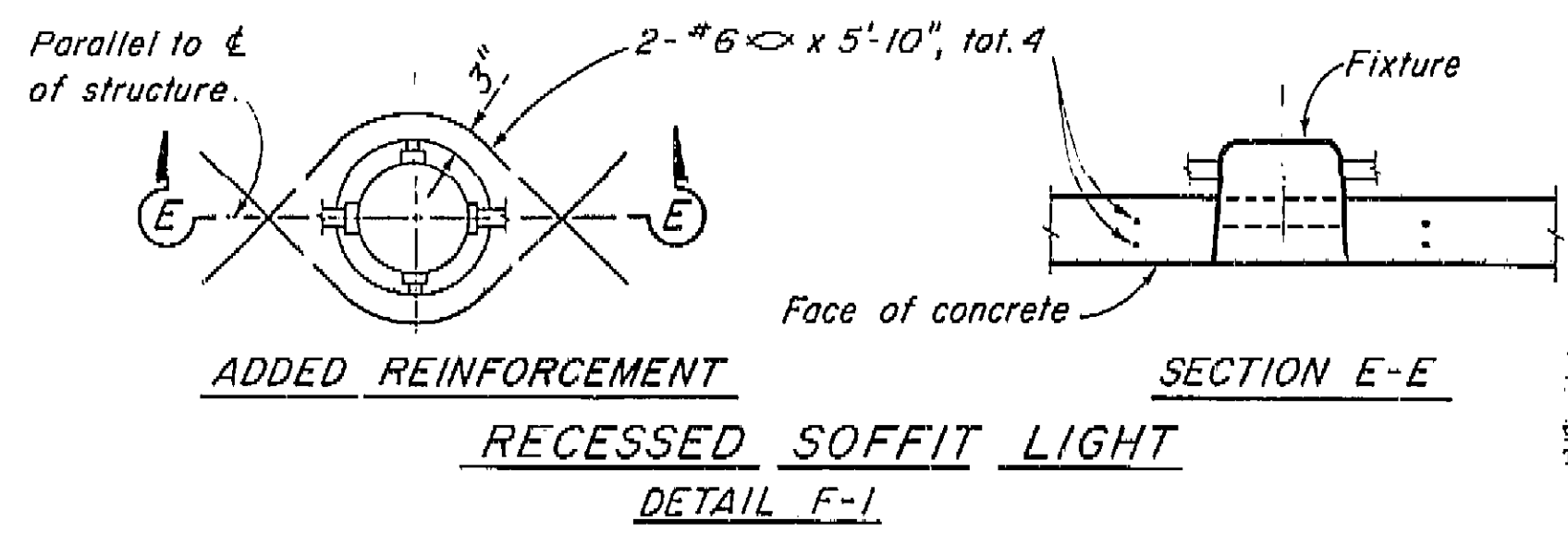


**CURB AND SIDEWALK EXPANSION JOINT**  
**DETAIL C-1**

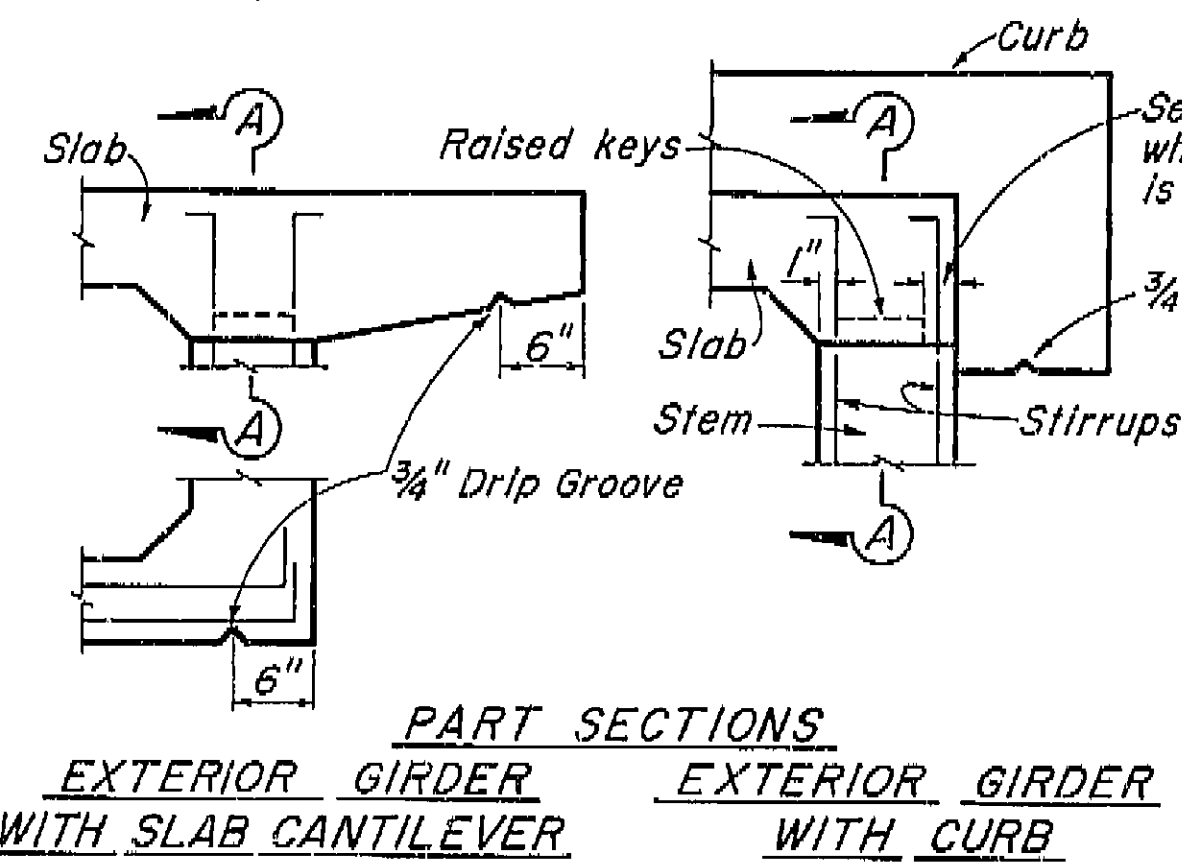
**AS BUILT PLANS**  
 Contract No. 62-6T13C3  
 Date Completed  
 Document No. 60001062



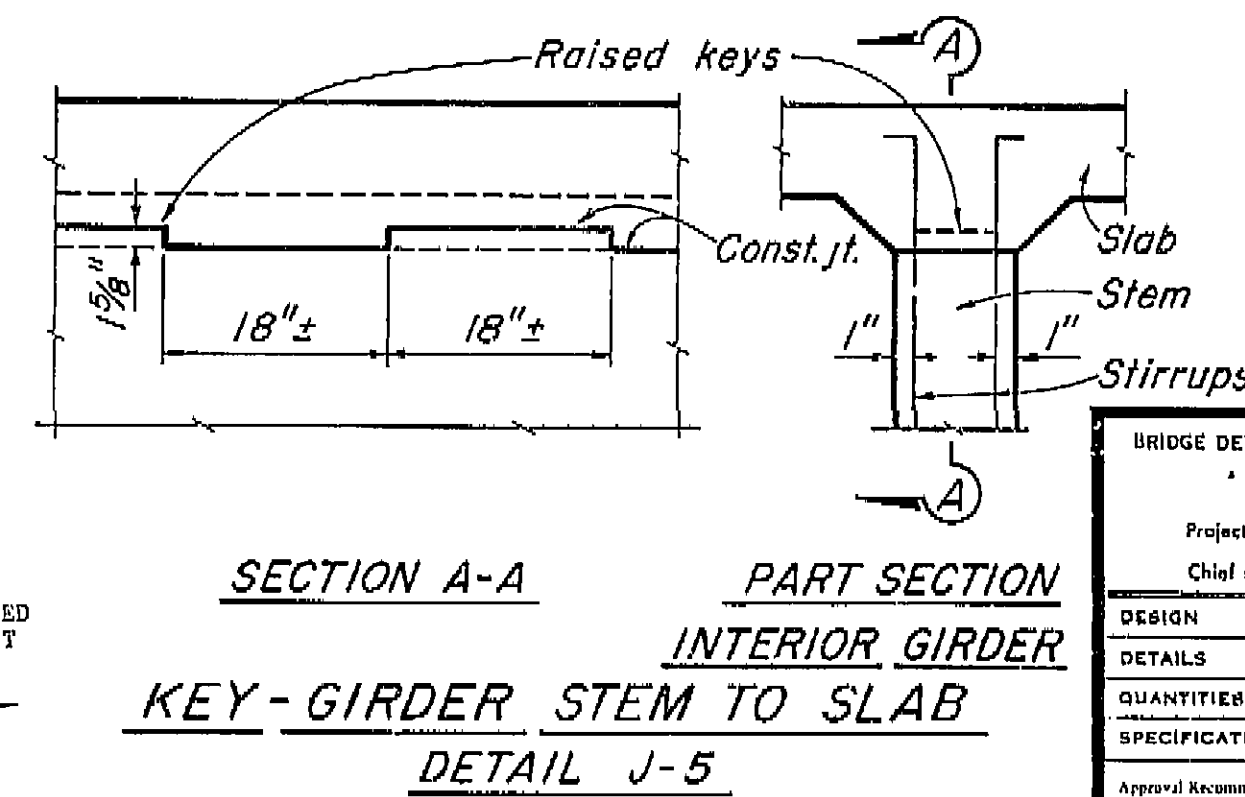
**RUBBER WATERSTOP DETAIL W-1**  
**SEALED EXPANSION JOINT DETAIL L-1**



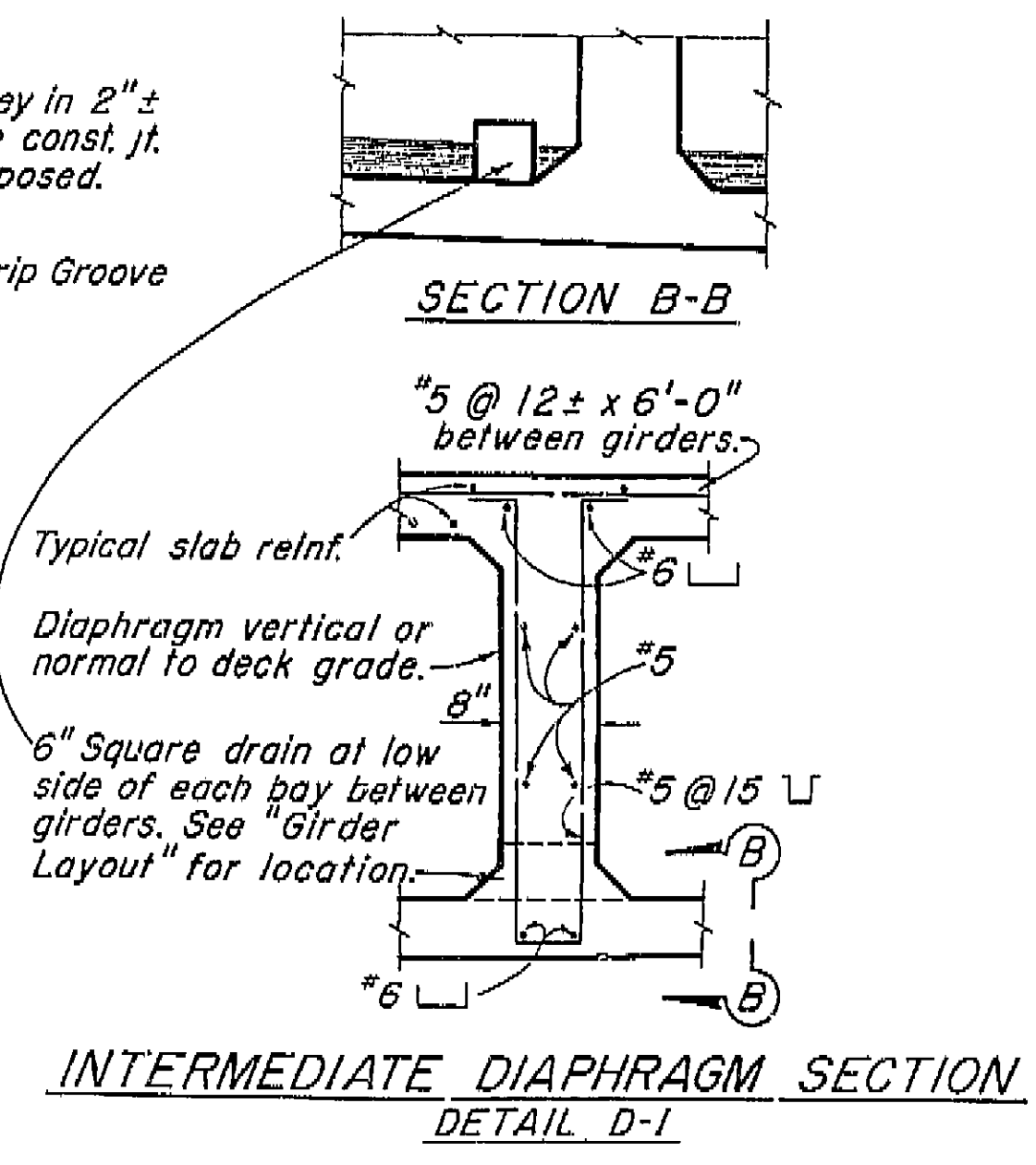
**RECESSED SOFFIT LIGHT DETAIL F-1**



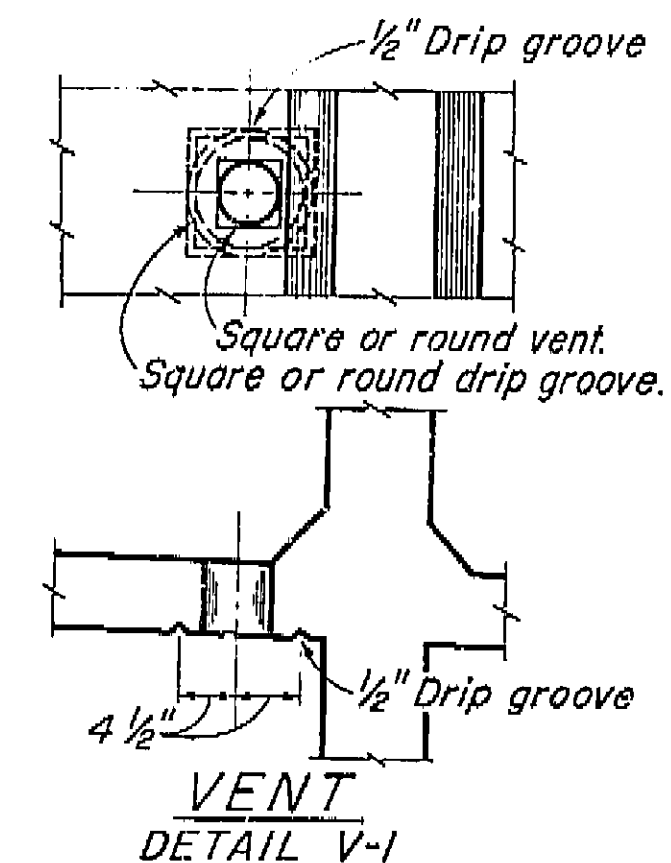
**PART SECTIONS EXTERIOR GIRDER WITH SLAB CANTILEVER EXTERIOR GIRDER WITH CURB**



**SECTION A-A KEY-GIRDER STEM TO SLAB DETAIL J-5**



**INTERMEDIATE DIAPHRAGM SECTION DETAIL D-1**



**VENT DETAIL V-1**  
 Note: 5"± Vent in lower slab.  
 Min. of two vents per span in each bay between girders. One vent to be located at low point of span and other vent to be located at opposite end of span @ 1'-6" from face of Abutment or Bent. See "Girder Layout".

BRIDGE DEPARTMENT		DESIGN SECTION 2		9/60	
Project Designer: [Signature]		Chief Designer: [Signature]		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
DESIGN	BY R.N. AMICK 12-0	CHECKED BY J.P. [Signature]	DATE 12-0	CENTRAL AVENUE OVERCROSSING	
DETAILS	BY R.N. AMICK 12-0	CHECKED BY J.P. [Signature]	DATE 12-0	STANDARD DETAILS NO. 1 (BOX GIRDER)	
QUANTITIES	BY [Signature]	CHECKED BY [Signature]	DATE [Signature]	SCALE NONE	
SPECIFICATIONS	BY [Signature]	CHECKED BY [Signature]	DATE [Signature]	BRIDGE 42-207	
Approval Recommended by: [Signature]				FILE XS-16-22	
DRAWING C-6734-8				PREL. DRAWING No. P-6734-17	

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE: [Signature] SIGNATURE: [Signature] TITLE: [Signature]



U-006-2(4)

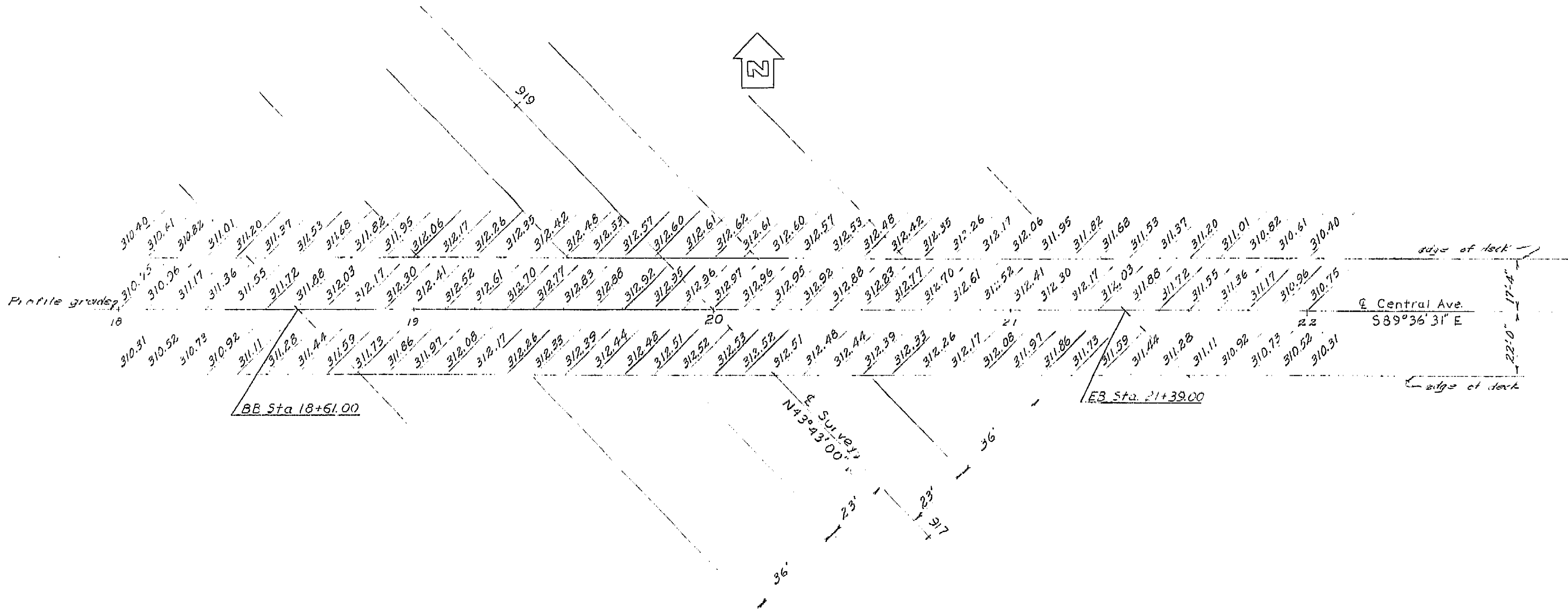
F-006-2(5)

FED. ROAD DIST. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		169	224

VI Fre 99

DIST.	COUNTY	ROUTE	SECTION	POST MILE	STATION
VI	Fre	99			

DATE APPROVED August 28, 1961



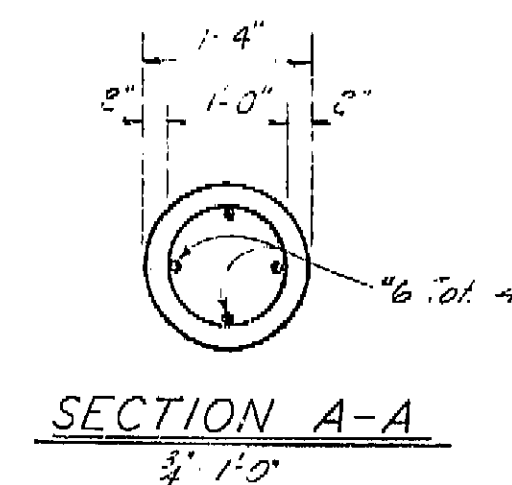
Note: These elevations do not include camber.  
Elevations are shown at 10' stations  
along and normal to Central Avenue.

AS BUILT PLANS  
Contract No. 62-673C3  
Date Completed  
Document No. 60001062

BRIDGE DEPARTMENT	
DESIGN SECTION	
Project Designer: [Signature]	
Chief Designer: [Signature]	
DESIGN	By: W.B. [Signature]
DETAILS	By: A.B. [Signature]
QUANTITIES	By: [Signature]
SPECIFICATIONS	By: [Signature]
Approval Recommended by: [Signature]	

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
CENTRAL AVENUE OVERCROSSING	
10' GRID OF DECK ELEVATIONS	
SCALE	BRIDGE 42-207 FILE DRAWING C-6734-2

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN  
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO  
AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 1-12-62 SIGNATURE [Signature] TITLE [Title]



Technical drawing of a drilled pile showing reinforcement details. The drawing includes the following labels and dimensions:

- "6" For length see Note F
- Bottom of Abut.
- 3" Min.
- 3" Wire @ 6" Pitch
- Length for Payment
- Drilled hole filled with Class "A" Concrete
- Cut-off line

Concrete to be placed in dry hole

Note F: The #6 bars shall extend a minimum of 2'-0" below the lowest of the following:

1. Bottom of footing.
2. Top of final ground surface.
3. Top of original ground surface when piles are drilled through fill.

Notes: 0000 indicates bottom of footing elevation.

GENERAL NOTES

Specifications:  
Design: A.A.S.H.O. dated 1957 with revisions and as supplemented by Bridge Planning and Design Manual.  
Construction: Standard specifications, Division of Highways, dated January 1960 and the Special Provisions  
Live Loading: H20-516-A4 and Alternative.  
Unit Stresses:  
Reinforced concrete:  
 $f'_c = 20,000 \text{ psi}$  N.10  
 $f'_s = 1,200 \text{ psi}$   
Footing Pressure: 3 Tons  $\text{psf}$  @ Bents.  
Pile Loading: 32 Tons Type Concrete

EN Central"  
F3-KR spike in PP 211 Lt  
"Central" 20+30  
EL 201262

TEM "A"  
2+ KR spike in TP 26  
211 Lt "Central" 1B+26  
EL 201403

LEVEL DATUM: 1056.865  
FOR ALIGNMENT TIES SEE: PP 6734-4  
CONTOURS AS OF: 10-50  
SITE PLAN TO SUPPLEMENT DISTRICT DATA.  
SURVEY BY: JGG DATE: 10-50  
DRAWN BY: JGG DATE: 10-50  
TRACED BY: JS DATE: 10-8-50

**AS BUILT PLANS**  
Contract No. 62-6T13C3  
Date Completed \_\_\_\_\_  
Document No. 60001062

<b>BRIDGE DEPARTMENT</b> <b>DESIGN SECTION</b>		<b>2</b>	<b>STATE OF CALIFORNIA</b> <b>DEPARTMENT OF PUBLIC WORKS</b> <b>DIVISION OF HIGHWAYS</b>	
Project Designer: <i>[Signature]</i>			<div style="font-size: 2em; font-weight: bold;">CENTRAL AVENUE OVERCROSSING</div> <div style="font-size: 1.5em; font-weight: bold; margin-top: 20px;">FOUNDATION PLAN</div>	
Chief Designer: <i>[Signature]</i>				
<b>DESIGN</b>	1/2" = 1' - 0"	Check 2/12/20		
<b>DETAILS</b>	1/4" = 1' - 0"	Check 2/12/20		
<b>QUANTITIES</b>	1/4" = 1' - 0"	Check 2/12/20	<div style="font-size: 1.2em;">BRIDGE 42-207</div> <div style="font-size: 1.2em;">FILE 1-12</div> <div style="font-size: 1.2em;">DRAWING C-6734-3</div>	
<b>SPECIFICATIONS</b>	1/4" = 1' - 0"	Check 2/12/20		
Approved/Recommended by: <i>[Signature]</i> District Engineer			Scale: 1/4" = 1' - 0"	

PREL. DRAWING NO. P. 6734 ~~4~~ ~~7~~ 22 PR 6734-5

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN  
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO  
AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 1-12-82 SIGNATURE [Signature] TITLE Supervisor